Appendix A

Windscreen Insertion Loss

Table B.2 – Windscreen insertion loss from ANSI/ASA S12.9-2016/Part 7

BAND/CASE	1/3 OBCF, Hz	Bare Mic	90mm Std Ball	12" Rhom 20 ppi	12" Rhom 80 ppi	7" 80 ppi	7" 20ppi	7" with SM Perf	Background
0	1.0	0.0	-5.0	2.2	4.2	3.6	2.8	-8.6	-10.0
1	1.3	0.0	-0.5	0.0	6.3	7.2	4.7	-2.6	1.3
2	1.6	0.0	4.1	4.5	9.4	12.7	11.9	1.1	5.9
3	2.0	0.0	5.9	4.9	11.1	12.9	12.4	2.2	6.9
4	2.5	0.0	3.1	4.7	6.9	9.9	9.5	-0.6	4.3
5	3.2	0.0	4.3	5.1	3.8	6.5	7.4	-1.5	3.6
6	4.0	0.0	4.2	4.2	3.6	5.2	6.0	1.6	8.3
7	5.0	0.0	0.2	0.0	0.3	0.6	0.8	-1.3	8.0
8	6.3	0.0	0.4	0.3	0.4	0.2	0.2	-0.7	11.6
9	8.0	0.0	0.2	0.6	0.5	0.5	0.3	0.3	15.4
10	10.0	0.0	0.7	0.8	0.7	0.6	0.6	0.6	15.7
11	12.5	0.0	-0.3	-0.1	0.1	0.1	0.1	-0.1	16.8
12	16.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	21.6
13	20.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	28.3
14	25.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	30.5
15	31.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	29.7
16	40.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	36.7
17	50.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	36.9
18	63.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	38.7
19	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9
20	100.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	36.8
21	125.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	26.8
22	160.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	-0.2	30.4
23	200.0	0.0	0.1	0.1	0.0	-0.1	0.1	0.0	28.2
24	250.0	0.0	-0.1	-0.2	0.2	-0.1	0.0	-0.1	31.5
25	315.0	0.0	-0.6	-0.2	0.1	-0.3	-0.3	-0.3	29.3
26	400.0	0.0	1.1	0.1	2.5	0.5	0.8	0.7	27.2
27	500.0	0.0	0.2	-0.3	1.6	0.0	0.0	0.2	29.5
28	630.0	0.0	-0.2	0.1	2.9	0.1	-0.1	0.0	35.3
29	800.0	0.0	-0.2	0.0	4.6	0.3	-0.4	-0.3	38.6
30	1 K	0.0	-0.2	0.5	6.0	0.5	-0.4	-0.4	39.8
31	1.25 K	0.0	-0.3	1.1	6.7	1.5	-0.3	-0.2	42.2
32	1.6 K	0.0	-0.5	1.3	7.6	2.8	0.0	-0.1	42.8
33	2 K	0.0	-0.6	1.2	8.7	3.7	0.4	0.6	40.3
34	2.5 K	0.0	-0.8	1.8	9.7	4.4	0.7	0.7	38.3
35	3.15 K	0.0	-0.7	1.9	10.9	5.1	0.5	0.7	38.4
36	4 K	0.0	-0.3	2.2	11.9	5.9	0.9	0.9	34.6
37	5 K	0.0	0.3	2.6	13.9	7.0	1.1	1.2	35.2
38	6.3 K	0.0	0.1	2.9	15.2	7.8	1.2	1.4	39.9
39	8 K	0.0	0.6	3.4	16.8	9.0	1.5	1.7	43.1
40	10 K	0.0	0.8	3.9	18.9	10.6	2.0	2.0	42.2
41	12.5 K	0.0	1.2	4.3	20.9	12.2	2.4	2.4	36.4
42	16 K	0.0	1.7	5.1	23.3	16.1	3.3	3.6	28.3
43	20 K	0.0	2.3	5.9	20.4	16.3	4.2	4.7	20.6

Unreliable due to unsteady infrasound background noise; IL almost assuredly = 0 dB

Appendix B

Certificates of Sound Level Instrument Calibration

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37117

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/5/2016**	*Cal Due:* **10/5/2017**	
Model:	**831**	*Status:*	**Received**	**Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	**X**	**X**
Serial number:	**0003753**	*Out of tolerance:*		
Tested with:	**Microphone 377B20 s/n 142956**	*See comments:*		
	Preamplifier PRM831 s/n 029564	*Contains non-accredited tests:* __Yes _X_ No		
Type (class):	**1**	*Calibration service:* __ Basic _X_ Standard		
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**	
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**	

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
22.8	101.10	63.7

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/5/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2016\LD831_0003753_M1.doc

Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37115

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/5/2016**	*Cal Due:* **10/5/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	**X** / **X**
Serial number:	**0003752**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n 142894**	*See comments:*	
	Preamplifier PRM831 s/n 029563	*Contains non-accredited tests:*	__Yes X No
Type (class):	**1**	*Calibration service:*	__ Basic X Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 017S4**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.3	101.14	55.4

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/5/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored Z:\Calibration Lab\SLM 2016\LD831_0003752_M1.doc

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37111

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/4/2016**	*Cal Due:* **10/4/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In talerance:*	**X** / **X**
Serial number:	**0003047**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n LW130579**	*See comments:*	
	Preamplifier PRM831 s/n 023825	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.7	100.89	57.3

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/4/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2016\LD831_0003047_M1.doc

Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37109

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/4/2016**	*Cal Due:* **10/4/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	**X** / **X**
Serial number:	**0003044**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n LW130593**	*See comments:*	
	Preamplifier PRM831 s/n 023824	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.5	100.86	56.3

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/4/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored Z:\Calibration Lab\SLM 2016\LD831_0003044_M1.doc

Calibration Certificate

Certificate Number 2017000633

Customer:
Epsilon Associates Inc
Suite 250
3 Clock Tower Place
Maynard, MA 01754, United States

Model Number	PRM831	***Procedure Number***	D0001.8383		
Serial Number	046516	***Technician***	Ron Harris		
Test Results	**Pass**	***Calibration Date***	18 Jan 2017		
Initial Condition	As Manufactured	***Calibration Due***			
		Temperature	23.35	°C	± 0.01 °C
Description	Larson Davis 1/2" Preamplifier for Model 831 Type 1	***Humidity***	50.9	%RH	± 0.5 %RH
		Static Pressure	86.46	kPa	± 0.03 kPa

Evaluation Method Tested electrically using a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 50.0 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Sound Level Meter / Real Time Analyzer	03/08/2016	03/08/2017	003003
Hart Scientific 2626-S Humidity/Temperature Sensor	06/17/2016	06/17/2017	006946
Agilent 34401A DMM	06/07/2016	06/07/2017	007165
SRS DS360 Ultra Low Distortion Generator	10/14/2016	10/14/2017	007167

Calibration Certificate

Certificate Number 2017000994

Customer:

Epsilon Associates Inc
Suite 250
3 Clock Tower Place
Maynard, MA 01754, United States

Model Number	831	***Procedure Number***	D0001.8384
Serial Number	0004373	***Technician***	Ron Harris
Test Results	**Pass**	***Calibration Date***	27 Jan 2017
Initial Condition	As Manufactured	***Calibration Due***	
		Temperature	23.02 °C ± 0.25 °C
Description	Larson Davis Model 831 Class 1 Sound Level Meter Firmware Revision: 2.311	***Humidity***	51.1 %RH ± 2.0 %RH
		Static Pressure	87.95 kPa ± 0.13 kPa

Evaluation Method ***Tested with:*** ***Data reported in dB re 20 µPa.***

Larson Davis PRM831. S/N 046514
PCB 377C20. S/N 165061
Larson Davis CAL200. S/N 9079
Larson Davis CAL291. S/N 0203

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8378:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.11 (R2009) Class 1
IEC 61260:2001 Class 1	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005.
Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Correction data from Larson Davis Model 831 Sound Level Meter Manual, I831.01 Rev O, 2016-09-19

For 1/4" microphones, the Larson Davis ADP024 1/4" to 1/2" adaptor is used with the calibrators and the Larson Davis ADP043 1/4" to

Calibration Certificate

Certificate Number 2017000991

Customer:

Epsilon Associates Inc
Suite 250
3 Clock Tower Place
Maynard, MA 01754, United States

Model Number	831	***Procedure Number***	D0001.8378		
Serial Number	0004375	***Technician***	Ron Harris		
Test Results	**Pass**	***Calibration Date***	27 Jan 2017		
Initial Condition	As Manufactured	***Calibration Due***			
		Temperature	23	°C	± 0.25 °C
Description	Larson Davis Model 831 Class 1 Sound Level Meter Firmware Revision: 2.311	***Humidity***	50.5	%RH	± 2.0 %RH
		Static Pressure	87.84	kPa	± 0.13 kPa

Evaluation Method Tested electrically using Larson Davis PRM831 S/N 046516 and a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 50.0 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.11 (R2009) Class 1
IEC 61260:2001 Class 1	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Correction data from Larson Davis Model 831 Sound Level Meter Manual, I831.01 Rev O, 2016-09-19

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa; Reference Range: 0 dB gain

Calibration Certificate

Certificate Number 2017000990

Customer:

Epsilon Associates Inc
Suite 250
3 Clock Tower Place
Maynard, MA 01754, United States

Model Number	831		***Procedure Number***	D0001.8378	
Serial Number	0004374		***Technician***	Ron Harris	
Test Results	**Pass**		***Calibration Date***	27 Jan 2017	
Initial Condition	As Manufactured		***Calibration Due***		
			Temperature	23.04 °C	± 0.25 °C
Description	Larson Davis Model 831 Class 1 Sound Level Meter Firmware Revision: 2.311		***Humidity***	50.7 %RH	± 2.0 %RH
			Static Pressure	87.84 kPa	± 0.13 kPa

Evaluation Method Tested electrically using Larson Davis PRM831 S/N 046515 and a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 50.0 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.11 (R2009) Class 1
IEC 61260:2001 Class 1	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Correction data from Larson Davis Model 831 Sound Level Meter Manual, I831.01 Rev O, 2016-09-19

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa; Reference Range: 0 dB gain

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.38297

Instrument:	**Sound Level Meter**	*Date Calibrated:* **4/11/2017**	*Cal Due:* **4/11/2018**
Model:	**140**	*Status:*	**Received** / **Sent**
Manufacturer:	**Norsonic**	*In tolerance:*	**X** / **X**
Serial number:	**1403178**	*Out of tolerance:*	
Tested with:	**Microphone 40AN s/n 73449**	*See comments:*	
	Preamplifier 1209 s/n 12492	*Contains non-accredited tests:*	__Yes X No
Type (class):	**1**	*Calibration service:*	__ Basic X Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Mill & Main Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Nov 1, 2016	ACR Env./ A2LA	Nov 1, 2017
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2016	Scantek, Inc./ NVLAP	Nov 10, 2017

Instrumentation and test results are traceable to SI (International 5ystem of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.3	100.31	41.6

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Steven E. Marshall
Signature	[signature]	Signature	[signature]
Date	4/11/17	Date	4/12/2017

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2017\Nor140_1403178_M1.doc

West Caldwell Calibration Laboratories Inc.

Certificate of Calibration

for

PRECISION SOUND ANALYZER

Manufactured by:	NORSONIC
Model No:	NOR140
Serial No:	1403178
Calibration Recall No:	26383

Submitted By:

Customer:	RICHARD LAMPETER
Company:	EPSILON ASSOCIATES, INC
Address:	3 CLOCK TOWER PLACE, SUITE 250 MAYNARD MA 01754

The subject instrument was calibrated to the indicated specification using standards traceable to the National Institute of Standards and Technology or to accepted values of natural physical constants. This document certifies that the instrument met the following specification upon its return to the submitter.

West Caldwell Calibration Laboratories Procedure No. NOR140 NORS

Upon receipt for Calibration, the instrument was found to be:

Within (X)

tolerance of the indicated specification. See attached Report of Calibration.

West Caldwell Calibration Laboratories' calibration control system meets the following requirements, ISO 10012-1 MIL STD 45662A, ANSI/NCSL Z540-1, IEC Guide 25, ISO 9001:2008 and ISO 17025

Note: With this Certificate, Report of Calibration is included.

Approved by:

Calibration Date: 21-Apr-16

FC

Certificate No: 26383 - 1

Felix Christopher (QA Mgr.)

QA Doc. #1051 Rev. 2.0 10/1/01

ISO/IEC 17025:2005

West Caldwell Calibration Laboratories, Inc.
uncompromised calibration
1575 State Route 96, Victor, NY 14564, U.S.A.

ACCREDITED

Calibration Lab. Cert. # 1533.01

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.36475

Instrument: **Sound Level Meter**
Model: **831**
Manufacturer: **Larson Davis**
Serial number: **0001992**
Tested with: **Microphone 377B20 s/n 112340**
Preamplifier PRM831 s/n 015258
Type (class): **1**
Customer: **Epsilon Associates, Inc.**
Tel/Fax: **978-897-7100 / -0099**

Date Calibrated: **6/20/2016** *Cal Due:* **6/20/2017**

Status:	**Received**	**Sent**
In tolerance:	**X**	**X**
Out of tolerance:		
See comments:		

Contains non-accredited tests: __Yes _X_ No
Calibration service: __ Basic _X_ Standard
Address: **3 Clock Tower Place, Suite 250**
Maynard, MA 01754

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	25747	Jul 2, 2015	Scantek, Inc./ NVLAP	Jul 2, 2016
DS-360-SRS	Function Generator	61646	Aug 12, 2015	ACR Env./ A2LA	Aug 12, 2017
34401A-Agilent Technologies	Digital Voltmeter	MY41022043	Aug 13, 2015	ACR Env. / A2LA	Aug 13, 2016
DPI 141-Druck	Pressure Indicator	790/00-04	Nov 18, 2014	ACR Env./ A2LA	Nov 18, 2016
HMP233-Vaisala Oyj	Humidity & Temp. Transmitter	V3820001	Oct 1, 2015	ACR Env./ A2LA	Apr 1, 2017
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.0	100.69	39.3

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	William D. Gallagher
Signature		Signature	
Date	6/20/16	Date	6/20/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2016\LD831_0001992_M1.doc

Scantek, Inc.
CALIBRATION LABORATORY
ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.38791

Instrument:	**Sound Level Meter**	*Date Calibrated:* **6/23/2017**	*Cal Due:* **6/23/2018**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	**X** / **X**
Serial number:	**0001992**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n 112340**	*See comments:*	
	Preamplifier PRM831 s/n 015258	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Colibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Mill & Main Place, Suite 250, Maynard, MA 01754**
Tel/Fax:	**978-897-7100 /**		

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31052	Oct 26, 2016	Scantek, Inc./ NVLAP	Oct 26, 2017
DS-360-SRS	Function Generator	33584	Oct 20, 2015	ACR Env./ A2LA	Oct 20, 2017
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 12, 2016	ACR Env. / A2LA	Oct 12, 2017
HM30-Thommen	Meteo Station	1040170/39633	Nov 1, 2016	ACR Env./ A2LA	Nov 1, 2017
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2016	Scantek, Inc./ NVLAP	Nov 10, 2017

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.9	99.27	55.3

Calibrated by:	Lydon Dawkins	**Authorized signatory:**	Steven E. Marshall
Signature	Lydon Dawkins	Signature	Steven E Marshall
Date	6/23/2017	Date	6/23/2017

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2017\LD831_0001992_M1.doc

Calibration Certificate

Certificate Number 2016007122

Customer:
Epsilon Associates Inc
Suite 250
3 Clock Tower Place
Maynard, MA 01754, United States

Model Number	831	***Procedure Number***	D0001.8378		
Serial Number	0002155	***Technician***	Ron Harris		
Test Results	**Pass**	***Calibration Date***	9 Aug 2016		
Initial Condition	AS RECEIVED same as shipped	***Calibration Due***	9 Aug 2017		
		Temperature	23.45	°C	± 0.01 °C
Description	Larson Davis Model 831	***Humidity***	49.9	%RH	± 0.5 %RH
		Static Pressure	85.97	kPa	± 0.03 kPa

Evaluation Method Tested electrically using PRM831 S/N 016478 and a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 50.0 mV/Pa.

Compliance Standards Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:

IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1
IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1
IEC 61252:2002	ANSI S1.11 (R2009) Class 1
IEC 61260:2001 Class 1	ANSI S1.25 (R2007)
IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Hart Scientific 2626-S Humidity/Temperature Sensor	06/17/2016	06/17/2017	006946
SRS DS360 Ultra Low Distortion Generator	06/13/2016	06/13/2017	007117

Scantek, Inc.

CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37115

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/5/2016**	*Cal Due:* **10/5/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	**X** / **X**
Serial number:	**0003752**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n 142894**	*See comments:*	
	Preamplifier PRM831 s/n 029563	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.3	101.14	55.4

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/5/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored Z:\Calibration Lab\SLM 2016\LD831_0003752_M1.doc

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37115

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/5/2016**	*Cal Due:* **10/5/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	X / X
Serial number:	**0003752**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n 142894**	*See comments:*	
	Preamplifier PRM831 s/n 029563	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.3	101.14	55.4

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/5/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2016\LD831_0003752_M1.doc

West Caldwell Calibration Laboratories Inc.

Certificate of Calibration

for

PRECISION SOUND ANALYZER

Manufactured by:	NORSONIC
Model No:	NOR140
Serial No:	1403178
Calibration Recall No:	26383

Submitted By:

Customer:	RICHARD LAMPETER
Company:	EPSILON ASSOCIATES, INC
Address:	3 CLOCK TOWER PLACE, SUITE 250 MAYNARD MA 01754

The subject instrument was calibrated to the indicated specification using standards traceable to the National Institute of Standards and Technology or to accepted values of natural physical constants. This document certifies that the instrument met the following specification upon its return to the submitter.

West Caldwell Calibration Laboratories Procedure No. NOR140 NORS

Upon receipt for Calibration, the instrument was found to be:

Within (X)

tolerance of the indicated specification. See attached Report of Calibration.

West Caldwell Calibration Laboratories' calibration control system meets the following requirements, ISO 10012-1 MIL STD 45662A, ANSI/NCSL Z540-1, IEC Guide 25, ISO 9001:2008 and ISO 17025

Note: With this Certificate, Report of Calibration is included.

Approved by:

Calibration Date: 21-Apr-16

FC

Certificate No: 26383 - 1

Felix Christopher (QA Mgr.)

QA Doc. #1051 Rev. 2.0 10/1/01

ISO/IEC 17025:2005

West Caldwell Calibration Laboratories, Inc.
uncompromised calibration
1575 State Route 96, Victor, NY 14564, U.S.A.

ACCREDITED

Calibration Lab. Cert. # 1533.01

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®
CALIBRATION
NVLAP Lab Code: 200625-0

Calibration Certificate No.38297

Instrument:	**Sound Level Meter**	*Date Calibrated:* **4/11/2017**	*Cal Due:* **4/11/2018**
Model:	**140**	*Status:*	**Received** / **Sent**
Manufacturer:	**Norsonic**	*In tolerance:*	**X** / **X**
Serial number:	**1403178**	*Out of tolerance:*	
Tested with:	**Microphone 40AN s/n 73449**	*See comments:*	
	Preamplifier 1209 s/n 12492	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Mill & Main Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 01754**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Nov 1, 2016	ACR Env./ A2LA	Nov 1, 2017
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2016	Scantek, Inc./ NVLAP	Nov 10, 2017

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.3	100.31	41.6

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Steven E. Marshall
Signature	[signature]	Signature	[signature]
Date	4/11/17	Date	4/12/2017

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2017\Nor140_1403178_M1.doc

Results summary: Device complies with following clauses of mentioned specifications:

CLAUSES[1] FROM IEC/ANSI STANDARDS REFERENCED IN PROCEDURES:	RESULT[2,3]	EXPANDED UNCERTAINTY (coverage factor 2) [dB]
INDICATION AT THE CALIBRATION CHECK FREQUENCY - IEC61672-3 ED.2 CLAUSE 10	Passed	0.15
SELF-GENERATED NOISE - IEC 61672-3 ED.2 CLAUSE 11	For Info	0.3
FREQUENCY WEIGHTINGS: A NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: C NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: Z NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY AND TIME WEIGHTINGS AT 1 KHZ IEC 61672-3 ED.2.0 CLAUSE 14	Passed	0.2
LEVEL LINEARITY ON THE REFERENCE LEVEL RANGE - IEC 61672-3 ED.2 CLAUSE 16	Passed	0.25
TONEBURST RESPONSE - IEC 61672-3 ED.2.0 CLAUSE 18	Passed	0.3
PEAK C SOUND LEVEL - IEC 61672-3 ED.2.0 CLAUSE 19	Passed	0.35
OVERLOAD INDICATION - IEC 61672-3 ED.2.0 CLAUSE 20	Passed	0.25
HIGH LEVEL STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 21	Passed	0.1
LONG TERM STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 15	Passed	0.1
FILTER TEST 1/1OCTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
FILTER TEST 1/3OCTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
COMBINED ELECTRICAL AND ACOUSTICAL TEST - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	See test report

1 The results of this calibration apply only to the instrument type with serial number identified in this report.

2 Parameters are certified at actual environmental conditions.

3 The tests marked with (*) are not covered by the current NVLAP accreditation.

Comments: The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2, to demonstrate that the model of sound level meter fully conforms to the requirements in the IEC 61672-2, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.
Compliance with any standard cannot be claimed based solely on the periodic tests.

Tests made with the following attachments to the instrument:

Microphone:	GRAS 40AN s/n 73449 for acoustical test
Preamplifier:	Norsonic 1209 s/n 12492 for all tests
Other: line adaptor ADP005 (18pF) for electrical tests	
Accompanying acoustical calibrator:	Norsonic 1251 s/n 32059
Windscreen:	Norsonic Nor1451 (ø 60mm)

Measured Data: in Test Report # 38297 of 10 pages.

Place of Calibration: Scantek, Inc.
6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.37111

Instrument:	**Sound Level Meter**	*Date Calibrated:* **10/4/2016**	*Cal Due:* **10/4/2017**
Model:	**831**	*Status:*	**Received** / **Sent**
Manufacturer:	**Larson Davis**	*In tolerance:*	X / X
Serial number:	**0003047**	*Out of tolerance:*	
Tested with:	**Microphone 377B20 s/n LW130579**	*See comments:*	
	Preamplifier PRM831 s/n 023825	*Contains non-accredited tests:*	__Yes _X_ No
Type (class):	**1**	*Calibration service:*	__ Basic _X_ Standard
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250**
Tel/Fax:	**978-897-7100 / -0099**		**Maynard, MA 017S4**

Tested in accordance with the following procedures and standards:
Calibration of Sound Level Meters, Scantek Inc., Rev. 6/22/2012
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31061	Jul 27, 2016	Scantek, Inc./ NVLAP	Jul 27, 2017
DS-360-SRS	Function Generator	88077	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2018
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Sep 15, 2016	ACR Env./ A2LA	Sep 15, 2017
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 10, 2015	Scantek, Inc./ NVLAP	Nov 10, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.7	100.89	57.3

Calibrated by:	Jeremy Gotwalt	**Authorized signatory:**	Valentin Buzduga
Signature		Signature	
Date	10/4/16	Date	10/07/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored Z:\Calibration Lab\SLM 2016\LD831_0003047_M1.doc

Results summary: Device complies with following clauses of mentioned specifications:

CLAUSES[1] FROM IEC/ANSI STANDARDS REFERENCED IN PROCEDURES:	RESULT[2,3]	EXPANDED UNCERTAINTY (coverage factor 2) [dB]
INDICATION AT THE CALIBRATION CHECK FREQUENCY - IEC61672-3 ED.2 CLAUSE 10	Passed	0.15
SELF-GENERATED NOISE - IEC 61672-3 ED.2 CLAUSE 11	Passed	0.3
FREQUENCY WEIGHTINGS: A NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: C NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: Z NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY AND TIME WEIGHTINGS AT 1 KHZ IEC 61672-3 ED.2.0 CLAUSE 14	Passed	0.2
LEVEL LINEARITY ON THE REFERENCE LEVEL RANGE - IEC 61672-3 ED.2 CLAUSE 16	Passed	0.25
LEVEL LINEARITY INCLUDING THE LEVEL RANGE CONTROL - IEC 61672-3 ED.2.0 CLAUSE 17	Passed	0.25
TONEBURST RESPONSE - IEC 61672-3 ED.2.0 CLAUSE 18	Passed	0.3
PEAK C SOUND LEVEL - IEC 61672-3 ED.2.0 CLAUSE 19	Passed	0.35
OVERLOAD INDICATION - IEC 61672-3 ED.2.0 CLAUSE 20	Passed	0.25
HIGH LEVEL STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 21	Passed	0.1
LONG TERM STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 15	Passed	0.1
FILTER TEST 1/1OCTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
FILTER TEST 1/3OCTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
COMBINED ELECTRICAL AND ACOUSTICAL TEST - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	See test report

1 The results of this calibration apply only to the instrument type with serial number identified in this report.

2 Parameters are certified at actual environmental conditions.

3 The tests marked with (*) are not covered by the current NVLAP accreditation.

Comments: The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2, to demonstrate that the model of sound level meter fully conforms to the requirements in the IEC 61672-2, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.
Compliance with any standard cannot be claimed based solely on the periodic tests.

Tests made with the following attachments to the instrument:

Microphone:	PCB Piezotronics 377B20 s/n LW130579 for acoustical test
Preamplifier:	Larson Davis PRM831 s/n 023825 for all tests
Other: line adaptor ADP005 (18pF) for electrical tests and 1448 (18pF) for noise test	
Accompanying acoustical calibrator:	Larson Davis CAL200 s/n 7147
Windscreen:	none

Measured Data: in Test Report # 37111 of 10 pages.

Place of Calibration: Scantek, Inc.
6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Scantek, Inc.
CALIBRATION LABORATORY

ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)

NVLAP®

NVLAP Lab Code: 200625-0

Calibration Certificate No.36699

Instrument:	**Acoustical Calibrator**	*Date Calibrated:* **7/25/2016** *Cal Due:* **7/25/2017**		
Model:	**CAL200**	*Status:*	**Received**	**Sent**
Manufacturer:	**Larson Davis**	*In talerance:*	**X**	**X**
Serial number:	**7146**	*Out of tolerance:*		
Class (IEC 60942):	**1**	*See comments:*		
Barometer type:		*Contains non-accredited tests:* __Yes _X_ No		
Barometer s/n:				
Customer:	**Epsilon Associates, Inc.**	*Address:*	**3 Clock Tower Place, Suite 250, Maynard, MA 01754**	
Tel/Fax:	**978-897-7100 / 978-897-0099**			

Tested in accordance with the following procedures and standards:
Calibration of Acoustical Calibrators, Scantek Inc., Rev. 1/16/2015

Instrumentation used for calibration: Nor-1504 Norsonic Test 5ystem:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence Cal. Lab / Accreditation	Cal. Due
483B-Norsonic	SME Cal Unit	31052	Oct 23, 2015	Scantek, Inc./ NVLAP	Oct 23, 2016
DS-360-SRS	Function Generator	33584	Oct 20, 2015	ACR Env./ A2LA	Oct 20, 2017
34401A-Agilent Technologies	Digital Voltmeter	US36120731	Oct 6, 2015	ACR Env. / A2LA	Oct 6, 2016
HM30-Thommen	Meteo Station	1040170/39633	Oct 23, 2015	ACR Env./ A2LA	Oct 23, 2016
140-Norsonic	Real Time Analyzer	1406424	Oct 26, 2015	Scantek / NVLAP	Oct 26, 2016
PC Program 1018 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
4134-Brüel&Kjær	Microphone	173368	Nov 10, 2015	Scantek, Inc. / NVLAP	Nov 10, 2016
1203-Norsonic	Preamplifier	14052	Aug 24, 2015	Scantek, Inc./ NVLAP	Aug 24, 2016

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

Calibrated by:	Lydon Dawkins	**Authorized signatory:**	Valentin Buzduga
Signature	Lydon Dawkins	Signature	
Date	7/25/2016	Date	7/27/2016

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.
Document stored as: Z:\Calibration Lab\Cal 2016\LDCAL200_7146_M1.doc

Results summary: Device was tested and complies with following clauses of mentioned specifications:

CLAUSES[1] FROM STANDARDS REFERENCED IN PROCEDURES:	MET[2]	NOT MET	COMMENTS
Manufacturer specifications			
Manufacturer specifications: Sound pressure level	X		
Manufacturer specifications: Frequency	X		
Manufacturer specifications: Total harmonic distortion	X		
Current standards			
ANSI S1.40:2006 B.3 / IEC 60942: 2003 B.2 - Preliminary inspection	X		
ANSI S1.40:2006 B.4.4 / IEC 60942: 2003 B.3.4 - Sound pressure level	X		
ANSI S1.40:2006 A.5.4 / IEC 60942: 2003 A.4.4 - Sound pressure level stability	-	-	
ANSI S1.40:2006 B.4.5 / IEC 60942: 2003 B.3.5 - Frequency	X		
ANSI S1.40:2006 B.4.6 / IEC 60942: 2003 B.3.6 - Total harmonic distortion	X		

1 The results of this calibration apply only to the instrument type with serial number identified in this report.

2 The tests marked with (*) are not covered by the current NVLAP accreditation.

Main measured parameters [3]:

Measured[4]/Acceptable[5] Tone frequency (Hz):	Measured[4]/Acceptable[5] Total Harmonic Distortion (%):	Measured [4]/Acceptable Level[5] (dB):
1000.13 ± 1.0/1000.0 ± 10.0	0.36 ± 0.10/ < 3	93.95 ± 0.12/94.0 ± 0.4
1000.12 ± 1.0/1000.0 ± 10.0	0.43 ± 0.10/ < 3	113.92 ± 0.12/114.0 ± 0.4

3 The stated level is valid at measurement conditions.

4 The above expanded uncertainties for frequency and distortion are calculated with a coverage factor k=2; for level k=2.00

5 Acceptable parameters values are from the current standards

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
22.0 ± 1.0	99.80 ± 0.025	45.6 ± 2.1

Tests made with following attachments to instrument:

Calibrator ½" Adaptor Type:
Other:

Adjustments: Unit was not adjusted.
Comments: The instrument was tested and met all specifications found in the referenced procedures.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.
Compliance with any standard cannot be claimed based solely on the periodic tests.

Measured Data: in Acoustical Calibrator Test Report # 36669 of two pages.

Place of Calibration: Scantek, Inc.
6430 Dobbin Road, Suite C
Columbia, MD 21045 USA
Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Appendix C

SUNY MesoNet Meteorological Data

Table C-1: SUNY Mesonet Meteorological Data- Winter (Deposit, NY)

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/2/2017	0:00:00	53.4	68.4	0.04	0
3/2/2017	0:10:00	52.9	63.1	0	0
3/2/2017	0:20:00	52.6	55.2	0	0
3/2/2017	0:30:00	52.7	44	0	0
3/2/2017	0:40:00	52.4	39.2	0	0
3/2/2017	0:50:00	51.6	38.3	0	0
3/2/2017	1:00:00	51.1	39	0	0
3/2/2017	1:10:00	50.6	38.9	0	0
3/2/2017	1:20:00	50	39.6	0	0
3/2/2017	1:30:00	50.2	40	0	0
3/2/2017	1:40:00	49.9	41.8	0	0
3/2/2017	1:50:00	48.6	42.6	0	0
3/2/2017	2:00:00	46.2	57.2	0	0
3/2/2017	2:10:00	43	73.6	0	0
3/2/2017	2:20:00	41.5	76.4	0	0
3/2/2017	2:30:00	41.1	75.7	0	0
3/2/2017	2:40:00	40.8	74.2	0	0
3/2/2017	2:50:00	40.9	71.8	0	0
3/2/2017	3:00:00	40.7	71.4	0	0
3/2/2017	3:10:00	40.3	70.8	0	0
3/2/2017	3:20:00	39.1	73.7	0	0
3/2/2017	3:30:00	38.5	75.7	0	0
3/2/2017	3:40:00	37.4	81.2	0	0
3/2/2017	3:50:00	37.5	82	0	0
3/2/2017	4:00:00	37.7	79.9	0	0
3/2/2017	4:10:00	38.1	76	0	0
3/2/2017	4:20:00	38.4	71.3	0	0
3/2/2017	4:30:00	38.4	68.7	0	0
3/2/2017	4:40:00	38.7	64.1	0	0
3/2/2017	4:50:00	38.8	62.2	0	0
3/2/2017	5:00:00	36.1	77.8	0	0
3/2/2017	5:10:00	34.7	82.9	0	0
3/2/2017	5:20:00	35.1	79.1	0	0
3/2/2017	5:30:00	35.7	70.6	0	0
3/2/2017	5:40:00	36	64.6	0	0
3/2/2017	5:50:00	35.9	61.2	0	0
3/2/2017	6:00:00	35.5	60.2	0	0
3/2/2017	6:10:00	34.9	59	0	0
3/2/2017	6:20:00	34.4	54.6	0	0
3/2/2017	6:30:00	33.4	52.3	0	0
3/2/2017	6:40:00	32.6	54.5	0	0
3/2/2017	6:50:00	32	54.1	0	0
3/2/2017	7:00:00	31.5	53.9	0	0
3/2/2017	7:10:00	30.9	56	0	0
3/2/2017	7:20:00	30.1	57.9	0	0
3/2/2017	7:30:00	29.4	59.4	0	0
3/2/2017	7:40:00	28.9	63.1	0	0
3/2/2017	7:50:00	28	67.6	0	0
3/2/2017	8:00:00	27.1	69.6	0	0
3/2/2017	8:10:00	27.2	65.5	0	0
3/2/2017	8:20:00	27.2	64.2	0	0
3/2/2017	8:30:00	27.2	62.6	0	0
3/2/2017	8:40:00	27.1	63.8	0	0
3/2/2017	8:50:00	27.3	62.7	0	0
3/2/2017	9:00:00	27.7	61.9	0	0
3/2/2017	9:10:00	28.1	62.7	0	0
3/2/2017	9:20:00	27.9	62	0	0
3/2/2017	9:30:00	28	60.3	0	0
3/2/2017	9:40:00	28.2	62.4	0	0
3/2/2017	9:50:00	28.1	61.5	0	0
3/2/2017	10:00:00	27.8	58.2	0	0
3/2/2017	10:10:00	27.8	62.5	0	0
3/2/2017	10:20:00	27.6	60.7	0	0
3/2/2017	10:30:00	27.8	55.7	0	0
3/2/2017	10:40:00	28.2	57.6	0	0
3/2/2017	10:50:00	28.2	55	0	0
3/2/2017	11:00:00	28.4	54.6	0	0
3/2/2017	11:10:00	29.6	55.4	0	0
3/2/2017	11:20:00	28.8	54.8	0	0
3/2/2017	11:30:00	29	53.9	0	0
3/2/2017	11:40:00	29.9	54.2	0	0
3/2/2017	11:50:00	29.2	54.2	0	0
3/2/2017	12:00:00	30.1	54.8	0	0
3/2/2017	12:10:00	29.4	54.4	0	0
3/2/2017	12:20:00	30.6	54	0	0
3/2/2017	12:30:00	30.1	52.5	0	0
3/2/2017	12:40:00	30.5	51.4	0	0
3/2/2017	12:50:00	31.3	51.9	0	0
3/2/2017	13:00:00	30.9	51	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/2/2017	13:10:00	31.9	49.8	0	0
3/2/2017	13:20:00	32.1	49.2	0	0
3/2/2017	13:30:00	32.2	48.7	0	0
3/2/2017	13:40:00	33.2	47.4	0	0
3/2/2017	13:50:00	33.1	46.1	0	0
3/2/2017	14:00:00	33.8	43.7	0	0
3/2/2017	14:10:00	33.5	44.6	0	0
3/2/2017	14:20:00	33.7	43.7	0	0
3/2/2017	14:30:00	34.1	41.2	0	0
3/2/2017	14:40:00	34.1	39.5	0	0
3/2/2017	14:50:00	34.3	38.1	0	0
3/2/2017	15:00:00	35	38.1	0	0
3/2/2017	15:10:00	34.1	35.9	0	0
3/2/2017	15:20:00	34.1	36.7	0	0
3/2/2017	15:30:00	34.1	34.3	0	0
3/2/2017	15:40:00	33.9	31.2	0	0
3/2/2017	15:50:00	33.5	30.6	0	0
3/2/2017	16:00:00	33.9	32.7	0	0
3/2/2017	16:10:00	33.6	33.1	0	0
3/2/2017	16:20:00	33.7	34.7	0	0
3/2/2017	16:30:00	33.1	35.5	0	0
3/2/2017	16:40:00	32.8	37.8	0	0
3/2/2017	16:50:00	32.4	38.4	0	0
3/2/2017	17:00:00	31.8	39.3	0	0
3/2/2017	17:10:00	31.6	40.4	0	0
3/2/2017	17:20:00	31.4	41	0	0
3/2/2017	17:30:00	31.2	42.2	0	0
3/2/2017	17:40:00	30.8	43.2	0	0
3/2/2017	17:50:00	30.9	41.8	0	0
3/2/2017	18:00:00	30.6	42.5	0	0
3/2/2017	18:10:00	30.5	42.4	0	0
3/2/2017	18:20:00	30.2	43.1	0	0
3/2/2017	18:30:00	29.9	44	0	0
3/2/2017	18:40:00	29.9	44.5	0	0
3/2/2017	18:50:00	29.8	44.6	0	0
3/2/2017	19:00:00	29.7	45.2	0	0
3/2/2017	19:10:00	29.8	45.2	0	0
3/2/2017	19:20:00	29.5	44.9	0	0
3/2/2017	19:30:00	29.1	45	0	0
3/2/2017	19:40:00	28.8	45.2	0	0
3/2/2017	19:50:00	28.6	43.5	0	0
3/2/2017	20:00:00	28.5	43.8	0	0
3/2/2017	20:10:00	28.2	45.3	0	0
3/2/2017	20:20:00	28.1	45.3	0	0
3/2/2017	20:30:00	27.6	46.8	0	0
3/2/2017	20:40:00	27.6	46	0	0
3/2/2017	20:50:00	27.3	45.9	0	0
3/2/2017	21:00:00	26.9	46.3	0	0
3/2/2017	21:10:00	26.9	46.4	0	0
3/2/2017	21:20:00	26.6	47.6	0	0
3/2/2017	21:30:00	26.5	47.8	0	0
3/2/2017	21:40:00	26.3	49.1	0	0
3/2/2017	21:50:00	26.2	49	0	0
3/2/2017	22:00:00	26	49.7	0	0
3/2/2017	22:10:00	25.8	49.8	0	0
3/2/2017	22:20:00	25.6	50.2	0	0
3/2/2017	22:30:00	25.5	50.7	0	0
3/2/2017	22:40:00	25.4	50.7	0	0
3/2/2017	22:50:00	25	52	0	0
3/2/2017	23:00:00	24.9	52.7	0	0
3/2/2017	23:10:00	24.7	53.5	0	0
3/2/2017	23:20:00	24.2	54.7	0	0
3/2/2017	23:30:00	24.4	54.8	0	0
3/2/2017	23:40:00	24	56.1	0	0
3/2/2017	23:50:00	23.8	56.8	0	0
3/3/2017	0:00:00	23.8	57.7	0	0
3/3/2017	0:10:00	23.4	59	0	0
3/3/2017	0:20:00	23.7	58.8	0	0
3/3/2017	0:30:00	23.6	59.7	0	0
3/3/2017	0:40:00	23.6	59.5	0	0
3/3/2017	0:50:00	23.4	60.7	0	0
3/3/2017	1:00:00	23.4	60.9	0	0
3/3/2017	1:10:00	23.7	59.9	0	0
3/3/2017	1:20:00	23.6	60.9	0	0
3/3/2017	1:30:00	24	61.3	0	0
3/3/2017	1:40:00	23.7	63.4	0	0
3/3/2017	1:50:00	23.8	63.3	0	0
3/3/2017	2:00:00	23.8	65.2	0	0
3/3/2017	2:10:00	23.5	67.4	0	0
3/3/2017	2:20:00	23.3	67.4	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/3/2017	2:30:00	22.8	72.3	0	0
3/3/2017	2:40:00	21.9	72.2	0	0
3/3/2017	2:50:00	21.3	74.2	0	0
3/3/2017	3:00:00	21.4	75	0	0
3/3/2017	3:10:00	21.5	68.8	0	0
3/3/2017	3:20:00	21.3	65.5	0	0
3/3/2017	3:30:00	21.1	66.9	0	0
3/3/2017	3:40:00	21	68.2	0	0
3/3/2017	3:50:00	20.9	67.5	0	0
3/3/2017	4:00:00	20.7	68.8	0	0
3/3/2017	4:10:00	20.6	69	0	0
3/3/2017	4:20:00	20.3	69.9	0	0
3/3/2017	4:30:00	20.2	69.1	0	0
3/3/2017	4:40:00	20.4	66.3	0	0
3/3/2017	4:50:00	19.9	67.5	0	0
3/3/2017	5:00:00	19.5	67.6	0	0
3/3/2017	5:10:00	19.2	68.1	0	0
3/3/2017	5:20:00	18.8	68.7	0	0
3/3/2017	5:30:00	18.6	69.8	0	0
3/3/2017	5:40:00	18.3	70	0	0
3/3/2017	5:50:00	18.4	68.5	0	0
3/3/2017	6:00:00	18.3	68.8	0	0
3/3/2017	6:10:00	18.2	68.9	0	0
3/3/2017	6:20:00	18.1	69.4	0	0
3/3/2017	6:30:00	17.8	70.9	0	0
3/3/2017	6:40:00	18.3	69.4	0	0
3/3/2017	6:50:00	18	69.9	0	0
3/3/2017	7:00:00	17.8	72.4	0	0
3/3/2017	7:10:00	18.4	69.4	0	0
3/3/2017	7:20:00	18.5	68.9	0	0
3/3/2017	7:30:00	18.6	69	0	0
3/3/2017	7:40:00	18.7	69	0	0
3/3/2017	7:50:00	19	68.3	0	0
3/3/2017	8:00:00	19.7	67.1	0	0
3/3/2017	8:10:00	19.6	66.4	0	0
3/3/2017	8:20:00	20.1	67.9	0	0
3/3/2017	8:30:00	20.2	67.6	0	0
3/3/2017	8:40:00	20.1	65.6	0	0
3/3/2017	8:50:00	20.3	64.2	0	0
3/3/2017	9:00:00	20.4	61.6	0	0
3/3/2017	9:10:00	20.7	59.8	0	0
3/3/2017	9:20:00	21.2	59.6	0	0
3/3/2017	9:30:00	21.5	59.5	0	0
3/3/2017	9:40:00	21.6	57.4	0	0
3/3/2017	9:50:00	22.8	55.3	0	0
3/3/2017	10:00:00	23.2	52.2	0	0
3/3/2017	10:10:00	22.7	49.5	0	0
3/3/2017	10:20:00	23.5	48.4	0	0
3/3/2017	10:30:00	24.3	45.2	0	0
3/3/2017	10:40:00	23.6	44.1	0	0
3/3/2017	10:50:00	24	43	0	0
3/3/2017	11:00:00	25.7	43.6	0	0
3/3/2017	11:10:00	26.5	40.3	0	0
3/3/2017	11:20:00	25.2	40.5	0	0
3/3/2017	11:30:00	26.9	41.3	0	0
3/3/2017	11:40:00	26.1	41	0	0
3/3/2017	11:50:00	26.4	41.6	0	0
3/3/2017	12:00:00	26.4	41.5	0	0
3/3/2017	12:10:00	28.4	40.1	0	0
3/3/2017	12:20:00	27.7	39.3	0	0
3/3/2017	12:30:00	28.2	38.3	0	0
3/3/2017	12:40:00	28.1	38.5	0	0
3/3/2017	12:50:00	27.5	38.8	0	0
3/3/2017	13:00:00	28	38.7	0	0
3/3/2017	13:10:00	29.1	35.6	0	0
3/3/2017	13:20:00	28.5	35.8	0	0
3/3/2017	13:30:00	28.8	37.1	0	0
3/3/2017	13:40:00	27.9	40.4	0	0
3/3/2017	13:50:00	28.6	41	0	0
3/3/2017	14:00:00	27.9	44.9	0	0
3/3/2017	14:10:00	27.4	46.7	0	0
3/3/2017	14:20:00	26.1	57.6	0	0
3/3/2017	14:30:00	25.3	69.8	0	0
3/3/2017	14:40:00	24.1	82.9	0	0
3/3/2017	14:50:00	24.7	81.4	0	0
3/3/2017	15:00:00	24.6	77.4	0	0
3/3/2017	15:10:00	25.6	69.5	0.01	0.01
3/3/2017	15:20:00	25.3	66.6	0.01	0.01
3/3/2017	15:30:00	23.4	79	0.02	0.02
3/3/2017	15:40:00	23.1	80.5	0.02	0.02

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/3/2017	15:50:00	23.7	74.9	0.02	0.02
3/3/2017	16:00:00	23.6	67	0.02	0.02
3/3/2017	16:10:00	23.8	66.2	0.02	0.02
3/3/2017	16:20:00	22.2	67.9	0.02	0.02
3/3/2017	16:30:00	21.9	64.9	0.02	0.02
3/3/2017	16:40:00	22.7	58	0.02	0.02
3/3/2017	16:50:00	22.6	56.7	0.02	0.02
3/3/2017	17:00:00	23	55.2	0.02	0.02
3/3/2017	17:10:00	22.2	45.5	0.02	0.02
3/3/2017	17:20:00	21.8	46	0.02	0.02
3/3/2017	17:30:00	20.6	46.6	0.02	0.02
3/3/2017	17:40:00	20.3	45	0.02	0.02
3/3/2017	17:50:00	20	43.2	0.02	0.02
3/3/2017	18:00:00	19.8	43.8	0.02	0.02
3/3/2017	18:10:00	19.4	44.6	0.02	0.02
3/3/2017	18:20:00	19	44.6	0.02	0.02
3/3/2017	18:30:00	18.9	43.2	0.02	0.02
3/3/2017	18:40:00	18.5	46.4	0.02	0.02
3/3/2017	18:50:00	18.1	47.1	0.02	0.02
3/3/2017	19:00:00	17.9	44.9	0.02	0.02
3/3/2017	19:10:00	17.7	45.7	0.02	0.02
3/3/2017	19:20:00	17.5	46.3	0.02	0.02
3/3/2017	19:30:00	17.3	46.7	0.02	0.02
3/3/2017	19:40:00	17.2	46.9	0.02	0.02
3/3/2017	19:50:00	16.9	48.4	0.02	0.02
3/3/2017	20:00:00	16.7	49.4	0.02	0.02
3/3/2017	20:10:00	16.5	51	0.02	0.02
3/3/2017	20:20:00	16.5	50.8	0.02	0.02
3/3/2017	20:30:00	16.4	51.1	0.02	0.02
3/3/2017	20:40:00	16.4	50.6	0.02	0.02
3/3/2017	20:50:00	16.3	49.6	0.02	0.02
3/3/2017	21:00:00	16.2	49.9	0.02	0.02
3/3/2017	21:10:00	16.1	50.6	0.02	0.02
3/3/2017	21:20:00	16.1	51.2	0.02	0.02
3/3/2017	21:30:00	16	51.4	0.02	0.02
3/3/2017	21:40:00	15.8	53.1	0.02	0.02
3/3/2017	21:50:00	15.6	53.5	0.02	0.02
3/3/2017	22:00:00	15.5	51.9	0.02	0.02
3/3/2017	22:10:00	15.3	52.9	0.02	0.02
3/3/2017	22:20:00	15.1	52.8	0.02	0.02
3/3/2017	22:30:00	15.2	52.3	0.02	0.02
3/3/2017	22:40:00	14.7	53.3	0.02	0.02
3/3/2017	22:50:00	14.8	53.5	0.02	0.02
3/3/2017	23:00:00	14.9	54.3	0.02	0.02
3/3/2017	23:10:00	14.9	55.3	0.02	0
3/3/2017	23:20:00	15.1	56.2	0.02	0
3/3/2017	23:30:00	15	56.8	0.02	0
3/3/2017	23:40:00	14.8	57.3	0.02	0
3/3/2017	23:50:00	14.6	57.6	0.02	0
3/4/2017	0:00:00	14.4	58.3	0.02	0
3/4/2017	0:10:00	14.4	58.6	0	0
3/4/2017	0:20:00	14.4	58.6	0	0
3/4/2017	0:30:00	14.4	59.8	0	0
3/4/2017	0:40:00	14.3	61.5	0	0
3/4/2017	0:50:00	14.1	64.6	0	0
3/4/2017	1:00:00	13.9	68.2	0	0
3/4/2017	1:10:00	14	70.1	0	0
3/4/2017	1:20:00	13.8	75.1	0	0
3/4/2017	1:30:00	13.8	80	0	0
3/4/2017	1:40:00	13.7	80.8	0	0
3/4/2017	1:50:00	13.6	78.8	0	0
3/4/2017	2:00:00	13.8	77.9	0	0
3/4/2017	2:10:00	13.8	78.3	0	0
3/4/2017	2:20:00	13.5	77.6	0	0
3/4/2017	2:30:00	13.2	74.8	0	0
3/4/2017	2:40:00	13.4	71.5	0	0
3/4/2017	2:50:00	13.2	69.9	0	0
3/4/2017	3:00:00	12.7	71.3	0	0
3/4/2017	3:10:00	12.7	71.3	0	0
3/4/2017	3:20:00	13.1	72.1	0	0
3/4/2017	3:30:00	12.9	71.8	0	0
3/4/2017	3:40:00	12.8	71.1	0	0
3/4/2017	3:50:00	13	72	0	0
3/4/2017	4:00:00	13.2	75.2	0	0
3/4/2017	4:10:00	13.5	76.4	0	0
3/4/2017	4:20:00	13.4	76.1	0	0
3/4/2017	4:30:00	13.3	75.3	0	0
3/4/2017	4:40:00	13	75.6	0	0
3/4/2017	4:50:00	12.7	75.8	0	0
3/4/2017	5:00:00	12.4	76.7	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/4/2017	5:10:00	12.2	76.3	0	0
3/4/2017	5:20:00	12.1	76.7	0	0
3/4/2017	5:30:00	12.1	77	0	0
3/4/2017	5:40:00	11.8	76.9	0	0
3/4/2017	5:50:00	11.5	77.2	0	0
3/4/2017	6:00:00	11.7	78.4	0	0
3/4/2017	6:10:00	11.1	78.8	0	0
3/4/2017	6:20:00	11	79	0	0
3/4/2017	6:30:00	10.9	78.9	0	0
3/4/2017	6:40:00	10.9	79.8	0	0
3/4/2017	6:50:00	10.7	78.8	0	0
3/4/2017	7:00:00	11	79.6	0	0
3/4/2017	7:10:00	11.6	78.9	0	0
3/4/2017	7:20:00	11.5	78.9	0	0
3/4/2017	7:30:00	11.6	79	0	0
3/4/2017	7:40:00	12.2	76.3	0	0
3/4/2017	7:50:00	12.7	73.6	0	0
3/4/2017	8:00:00	13.2	71.2	0	0
3/4/2017	8:10:00	14.2	71.9	0	0
3/4/2017	8:20:00	14.3	70.1	0	0
3/4/2017	8:30:00	14.2	68.2	0	0
3/4/2017	8:40:00	15	68.1	0	0
3/4/2017	8:50:00	15.4	66.9	0	0
3/4/2017	9:00:00	16	67.4	0	0
3/4/2017	9:10:00	15.4	65.1	0	0
3/4/2017	9:20:00	16.4	64.5	0	0
3/4/2017	9:30:00	16.3	67.4	0	0
3/4/2017	9:40:00	15.5	72.9	0	0
3/4/2017	9:50:00	15.6	77.8	0	0
3/4/2017	10:00:00	15.8	76.6	0	0
3/4/2017	10:10:00	16.1	70.5	0.01	0.01
3/4/2017	10:20:00	16.4	65.7	0.01	0.01
3/4/2017	10:30:00	16.2	63.8	0.01	0.01
3/4/2017	10:40:00	17.2	63.8	0.01	0.01
3/4/2017	10:50:00	17.8	60.8	0.01	0.01
3/4/2017	11:00:00	16.4	61.3	0.01	0.01
3/4/2017	11:10:00	17.4	47.9	0.01	0.01
3/4/2017	11:20:00	17.1	53	0.01	0.01
3/4/2017	11:30:00	16.8	49.2	0.01	0.01
3/4/2017	11:40:00	17.7	48.1	0.01	0.01
3/4/2017	11:50:00	16.3	46.9	0.01	0.01
3/4/2017	12:00:00	17	43.3	0.01	0.01
3/4/2017	12:10:00	18	45.2	0.01	0.01
3/4/2017	12:20:00	17.3	40.9	0.01	0.01
3/4/2017	12:30:00	17.6	41.6	0.01	0.01
3/4/2017	12:40:00	17.6	40.3	0.01	0.01
3/4/2017	12:50:00	17.6	40.4	0.01	0.01
3/4/2017	13:00:00	17.9	41.5	0.01	0.01
3/4/2017	13:10:00	18.4	41.3	0.01	0.01
3/4/2017	13:20:00	18	40.1	0.01	0.01
3/4/2017	13:30:00	17.9	39.4	0.01	0.01
3/4/2017	13:40:00	16.8	37.6	0.01	0.01
3/4/2017	13:50:00	17	38.7	0.01	0.01
3/4/2017	14:00:00	16.2	38.1	0.01	0.01
3/4/2017	14:10:00	16	37.5	0.01	0.01
3/4/2017	14:20:00	17.4	37	0.01	0.01
3/4/2017	14:30:00	17.2	37.8	0.01	0.01
3/4/2017	14:40:00	17.6	36	0.01	0.01
3/4/2017	14:50:00	17.1	35.1	0.01	0.01
3/4/2017	15:00:00	17.2	36.9	0.01	0.01
3/4/2017	15:10:00	17.5	37.7	0.01	0.01
3/4/2017	15:20:00	17.2	35.9	0.01	0.01
3/4/2017	15:30:00	16.3	35.8	0.01	0.01
3/4/2017	15:40:00	16.2	37	0.01	0.01
3/4/2017	15:50:00	16.2	37.3	0.01	0.01
3/4/2017	16:00:00	16.2	38.4	0.01	0.01
3/4/2017	16:10:00	15.8	37.8	0.01	0.01
3/4/2017	16:20:00	15.5	38.8	0.01	0.01
3/4/2017	16:30:00	15.6	40.5	0.01	0.01
3/4/2017	16:40:00	15	40.6	0.01	0.01
3/4/2017	16:50:00	14.4	42.2	0.01	0.01
3/4/2017	17:00:00	14.2	43.5	0.01	0.01
3/4/2017	17:10:00	13.5	42.5	0.01	0.01
3/4/2017	17:20:00	13.5	44.3	0.01	0.01
3/4/2017	17:30:00	13.3	44.6	0.01	0.01
3/4/2017	17:40:00	12.7	44.2	0.01	0.01
3/4/2017	17:50:00	12.3	46.6	0.01	0.01
3/4/2017	18:00:00	11.8	49	0.01	0.01
3/4/2017	18:10:00	11.6	49.5	0.01	0.01
3/4/2017	18:20:00	11.1	50.1	0.01	0.01

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/4/2017	18:30:00	11	49.8	0.01	0.01
3/4/2017	18:40:00	10.7	49.5	0.01	0.01
3/4/2017	18:50:00	10.5	50.7	0.01	0.01
3/4/2017	19:00:00	10.4	51.1	0.01	0.01
3/4/2017	19:10:00	10.1	51.7	0.01	0.01
3/4/2017	19:20:00	10	52.5	0.01	0.01
3/4/2017	19:30:00	9.6	53	0.01	0.01
3/4/2017	19:40:00	9.5	53.5	0.01	0.01
3/4/2017	19:50:00	9	55.2	0.01	0.01
3/4/2017	20:00:00	8.9	55.3	0.01	0.01
3/4/2017	20:10:00	8.9	55.8	0.01	0.01
3/4/2017	20:20:00	8.8	56.5	0.01	0.01
3/4/2017	20:30:00	8.3	58	0.01	0.01
3/4/2017	20:40:00	8.3	57.8	0.01	0.01
3/4/2017	20:50:00	8.1	59.2	0.01	0.01
3/4/2017	21:00:00	7.9	60.2	0.01	0.01
3/4/2017	21:10:00	7.4	62.9	0.01	0.01
3/4/2017	21:20:00	7.1	63.9	0.01	0.01
3/4/2017	21:30:00	7.1	63.5	0.01	0.01
3/4/2017	21:40:00	7.3	63.6	0.01	0.01
3/4/2017	21:50:00	7.1	64	0.01	0.01
3/4/2017	22:00:00	6.8	65.1	0.01	0.01
3/4/2017	22:10:00	6.6	66.5	0.01	0.01
3/4/2017	22:20:00	6.3	68.1	0.01	0.01
3/4/2017	22:30:00	6	67.3	0.01	0.01
3/4/2017	22:40:00	6.3	66	0.01	0.01
3/4/2017	22:50:00	6.2	65.3	0.01	0.01
3/4/2017	23:00:00	6.7	64	0.01	0.01
3/4/2017	23:10:00	6.2	65.7	0.01	0
3/4/2017	23:20:00	5.3	69.7	0.01	0
3/4/2017	23:30:00	5.2	71.3	0.01	0
3/4/2017	23:40:00	4.7	72.6	0.01	0
3/4/2017	23:50:00	4.4	74.3	0.01	0
3/5/2017	0:00:00	4.3	75.3	0.01	0
3/5/2017	0:10:00	4.2	75.8	0	0
3/5/2017	0:20:00	4.1	75.4	0	0
3/5/2017	0:30:00	3.6	77	0	0
3/5/2017	0:40:00	3.5	77.4	0	0
3/5/2017	0:50:00	2.8	78.1	0	0
3/5/2017	1:00:00	3.1	78.4	0	0
3/5/2017	1:10:00	3	80.7	0	0
3/5/2017	1:20:00	2.9	80.2	0	0
3/5/2017	1:30:00	2.7	80.8	0	0
3/5/2017	1:40:00	2.6	81.7	0	0
3/5/2017	1:50:00	2.4	82.2	0	0
3/5/2017	2:00:00	2.2	83.6	0	0
3/5/2017	2:10:00	1.8	84.4	0	0
3/5/2017	2:20:00	1.6	83.8	0	0
3/5/2017	2:30:00	1.5	84.7	0	0
3/5/2017	2:40:00	1.4	84.3	0	0
3/5/2017	2:50:00	1.5	83.5	0	0
3/5/2017	3:00:00	1.8	84.1	0	0
3/5/2017	3:10:00	1	84	0	0
3/5/2017	3:20:00	0.9	85.5	0	0
3/5/2017	3:30:00	0.6	85.8	0	0
3/5/2017	3:40:00	0.6	85.6	0	0
3/5/2017	3:50:00	0.5	85.1	0	0
3/5/2017	4:00:00	0.2	84.6	0	0
3/5/2017	4:10:00	0.3	84.4	0	0
3/5/2017	4:20:00	0.1	84.3	0	0
3/5/2017	4:30:00	-0.1	83.9	0	0
3/5/2017	4:40:00	-0.1	84.6	0	0
3/5/2017	4:50:00	0	84.2	0	0
3/5/2017	5:00:00	0	84	0	0
3/5/2017	5:10:00	-0.3	83.4	0	0
3/5/2017	5:20:00	-0.4	83.4	0	0
3/5/2017	5:30:00	-0.5	82.8	0	0
3/5/2017	5:40:00	-0.6	82	0	0
3/5/2017	5:50:00	-0.6	82.4	0	0
3/5/2017	6:00:00	-1	82.2	0	0
3/5/2017	6:10:00	-0.9	83.3	0	0
3/5/2017	6:20:00	-1.1	83.2	0	0
3/5/2017	6:30:00	-1.3	83.2	0	0
3/5/2017	6:40:00	-1.5	82.8	0	0
3/5/2017	6:50:00	-1.4	83.3	0	0
3/5/2017	7:00:00	-1.4	82.9	0	0
3/5/2017	7:10:00	-0.7	82.7	0	0
3/5/2017	7:20:00	0.2	79.2	0	0
3/5/2017	7:30:00	1.5	76.8	0	0
3/5/2017	7:40:00	2	71.1	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/5/2017	7:50:00	2.6	74.3	0	0
3/5/2017	8:00:00	2.9	65.7	0	0
3/5/2017	8:10:00	4.3	59.2	0	0
3/5/2017	8:20:00	4.5	56.2	0	0
3/5/2017	8:30:00	6.5	54	0	0
3/5/2017	8:40:00	7.7	50	0	0
3/5/2017	8:50:00	8.5	47.7	0	0
3/5/2017	9:00:00	8.4	45.2	0	0
3/5/2017	9:10:00	10.2	43.5	0	0
3/5/2017	9:20:00	11.2	39.7	0	0
3/5/2017	9:30:00	12.5	36.2	0	0
3/5/2017	9:40:00	13.9	35.2	0	0
3/5/2017	9:50:00	14.6	33.8	0	0
3/5/2017	10:00:00	15.1	31.7	0	0
3/5/2017	10:10:00	16.1	30.7	0	0
3/5/2017	10:20:00	16.3	28.7	0	0
3/5/2017	10:30:00	17.4	28.7	0	0
3/5/2017	10:40:00	17.9	27	0	0
3/5/2017	10:50:00	18.3	25.5	0	0
3/5/2017	11:00:00	18.8	24.5	0	0
3/5/2017	11:10:00	19	23.4	0	0
3/5/2017	11:20:00	19.6	23.2	0	0
3/5/2017	11:30:00	20.7	24.2	0	0
3/5/2017	11:40:00	20.6	22.7	0	0
3/5/2017	11:50:00	21.7	23.6	0	0
3/5/2017	12:00:00	22.3	23.2	0	0
3/5/2017	12:10:00	23.4	22.7	0	0
3/5/2017	12:20:00	23.6	22.2	0	0
3/5/2017	12:30:00	24	21.8	0	0
3/5/2017	12:40:00	23.7	20.6	0	0
3/5/2017	12:50:00	24.2	19.8	0	0
3/5/2017	13:00:00	24.7	19.7	0	0
3/5/2017	13:10:00	25	20.1	0	0
3/5/2017	13:20:00	26	20.2	0	0
3/5/2017	13:30:00	26.2	19.4	0	0
3/5/2017	13:40:00	26.8	18.6	0	0
3/5/2017	13:50:00	26.4	18.6	0	0
3/5/2017	14:00:00	27.4	18.7	0	0
3/5/2017	14:10:00	26.9	18.2	0	0
3/5/2017	14:20:00	26.8	18.5	0	0
3/5/2017	14:30:00	28.2	19.6	0	0
3/5/2017	14:40:00	27.8	18.1	0	0
3/5/2017	14:50:00	28	17.2	0	0
3/5/2017	15:00:00	28	18.1	0	0
3/5/2017	15:10:00	29.1	19.2	0	0
3/5/2017	15:20:00	28.5	17.8	0	0
3/5/2017	15:30:00	28.2	16.8	0	0
3/5/2017	15:40:00	28.8	16.4	0	0
3/5/2017	15:50:00	28.9	16.7	0	0
3/5/2017	16:00:00	28.8	15.9	0	0
3/5/2017	16:10:00	28.4	15.4	0	0
3/5/2017	16:20:00	28.4	16.3	0	0
3/5/2017	16:30:00	27.8	15.1	0	0
3/5/2017	16:40:00	27.9	15	0	0
3/5/2017	16:50:00	27.7	15.2	0	0
3/5/2017	17:00:00	27	16	0	0
3/5/2017	17:10:00	26.4	17.6	0	0
3/5/2017	17:20:00	26.4	16.9	0	0
3/5/2017	17:30:00	26.2	17.1	0	0
3/5/2017	17:40:00	26.1	17.8	0	0
3/5/2017	17:50:00	24.9	20.5	0	0
3/5/2017	18:00:00	23.3	30.6	0	0
3/5/2017	18:10:00	22.9	34.4	0	0
3/5/2017	18:20:00	22.1	34.3	0	0
3/5/2017	18:30:00	21.1	40.4	0	0
3/5/2017	18:40:00	20.2	41.3	0	0
3/5/2017	18:50:00	19.7	39.8	0	0
3/5/2017	19:00:00	19.4	37.6	0	0
3/5/2017	19:10:00	18.9	41.1	0	0
3/5/2017	19:20:00	18.6	42	0	0
3/5/2017	19:30:00	18.3	42.7	0	0
3/5/2017	19:40:00	18	42.7	0	0
3/5/2017	19:50:00	17.7	42.4	0	0
3/5/2017	20:00:00	17.7	42.1	0	0
3/5/2017	20:10:00	17.3	42.6	0	0
3/5/2017	20:20:00	17	44.1	0	0
3/5/2017	20:30:00	16.7	45.8	0	0
3/5/2017	20:40:00	15.9	49.7	0	0
3/5/2017	20:50:00	16.1	49.4	0	0
3/5/2017	21:00:00	15.8	49.7	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/5/2017	21:10:00	15.3	52.4	0	0
3/5/2017	21:20:00	15.1	53	0	0
3/5/2017	21:30:00	14.9	51.9	0	0
3/5/2017	21:40:00	14.6	52.5	0	0
3/5/2017	21:50:00	14.4	52.7	0	0
3/5/2017	22:00:00	14.1	55.6	0	0
3/5/2017	22:10:00	13.6	57.8	0	0
3/5/2017	22:20:00	13.9	62	0	0
3/5/2017	22:30:00	13.5	58.7	0	0
3/5/2017	22:40:00	13.5	59	0	0
3/5/2017	22:50:00	13.1	58	0	0
3/5/2017	23:00:00	12.8	60.2	0	0
3/5/2017	23:10:00	12.7	61.1	0	0
3/5/2017	23:20:00	12.5	62.2	0	0
3/5/2017	23:30:00	12.3	63.4	0	0
3/5/2017	23:40:00	12.3	64.8	0	0
3/5/2017	23:50:00	11.7	66.3	0	0
3/6/2017	0:00:00	11.6	65.5	0	0
3/6/2017	0:10:00	11.5	66.3	0	0
3/6/2017	0:20:00	11.7	67.4	0	0
3/6/2017	0:30:00	11.4	66.9	0	0
3/6/2017	0:40:00	11.1	68.8	0	0
3/6/2017	0:50:00	11.1	69	0	0
3/6/2017	1:00:00	10.9	69.7	0	0
3/6/2017	1:10:00	10.7	68.9	0	0
3/6/2017	1:20:00	10.7	69.9	0	0
3/6/2017	1:30:00	10.4	70.7	0	0
3/6/2017	1:40:00	10.4	71.6	0	0
3/6/2017	1:50:00	10.3	72.2	0	0
3/6/2017	2:00:00	10.3	71.3	0	0
3/6/2017	2:10:00	10.2	72.4	0	0
3/6/2017	2:20:00	11.3	74.6	0	0
3/6/2017	2:30:00	12.1	75.6	0	0
3/6/2017	2:40:00	12.6	75.6	0	0
3/6/2017	2:50:00	12.6	74.5	0	0
3/6/2017	3:00:00	13.2	72.1	0	0
3/6/2017	3:10:00	13.7	72.7	0	0
3/6/2017	3:20:00	14	70.8	0	0
3/6/2017	3:30:00	14.4	69.3	0	0
3/6/2017	3:40:00	14.4	65	0	0
3/6/2017	3:50:00	14.6	66.9	0	0
3/6/2017	4:00:00	14.8	66.7	0	0
3/6/2017	4:10:00	15.2	65.7	0	0
3/6/2017	4:20:00	15.3	65.6	0	0
3/6/2017	4:30:00	15.4	64.5	0	0
3/6/2017	4:40:00	15.6	65.6	0	0
3/6/2017	4:50:00	15.6	64.5	0	0
3/6/2017	5:00:00	15.6	65.9	0	0
3/6/2017	5:10:00	15.6	65.2	0	0
3/6/2017	5:20:00	15.2	69.4	0	0
3/6/2017	5:30:00	15.3	69.3	0	0
3/6/2017	5:40:00	15.2	70.3	0	0
3/6/2017	5:50:00	15.1	70.9	0	0
3/6/2017	6:00:00	14.9	72	0	0
3/6/2017	6:10:00	14.6	72.1	0	0
3/6/2017	6:20:00	14.4	73.9	0	0
3/6/2017	6:30:00	13.9	74.6	0	0
3/6/2017	6:40:00	13.9	75.1	0	0
3/6/2017	6:50:00	13.8	75.5	0	0
3/6/2017	7:00:00	13.9	75.5	0	0
3/6/2017	7:10:00	14.4	72.5	0	0
3/6/2017	7:20:00	15.2	71.7	0	0
3/6/2017	7:30:00	16.9	67.1	0	0
3/6/2017	7:40:00	17	67.2	0	0
3/6/2017	7:50:00	17.8	67.4	0	0
3/6/2017	8:00:00	18.4	65.6	0	0
3/6/2017	8:10:00	19.5	63.8	0	0
3/6/2017	8:20:00	20.5	60.9	0	0
3/6/2017	8:30:00	21.4	59	0	0
3/6/2017	8:40:00	22.7	56.6	0	0
3/6/2017	8:50:00	24.2	51.2	0	0
3/6/2017	9:00:00	26.3	44.6	0	0
3/6/2017	9:10:00	26.9	36.6	0	0
3/6/2017	9:20:00	27.8	33.8	0	0
3/6/2017	9:30:00	28.4	31.7	0	0
3/6/2017	9:40:00	31.1	27.4	0	0
3/6/2017	9:50:00	31.2	26.9	0	0
3/6/2017	10:00:00	30.1	30.3	0	0
3/6/2017	10:10:00	31.8	30.1	0	0
3/6/2017	10:20:00	34.2	26	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/6/2017	10:30:00	34	27.1	0	0
3/6/2017	10:40:00	34.4	27	0	0
3/6/2017	10:50:00	35.2	27	0	0
3/6/2017	11:00:00	35.5	26.7	0	0
3/6/2017	11:10:00	36.1	27.4	0	0
3/6/2017	11:20:00	36.3	27.2	0	0
3/6/2017	11:30:00	36.6	27.2	0	0
3/6/2017	11:40:00	37.3	26.6	0	0
3/6/2017	11:50:00	38.1	26.7	0	0
3/6/2017	12:00:00	38.5	26.5	0	0
3/6/2017	12:10:00	38.6	26.5	0	0
3/6/2017	12:20:00	39.5	26.1	0	0
3/6/2017	12:30:00	39.9	26.5	0	0
3/6/2017	12:40:00	40.7	26.2	0	0
3/6/2017	12:50:00	41	26.3	0	0
3/6/2017	13:00:00	42.3	26.9	0	0
3/6/2017	13:10:00	42.9	26.7	0	0
3/6/2017	13:20:00	42.6	26.9	0	0
3/6/2017	13:30:00	43.4	27.3	0	0
3/6/2017	13:40:00	44.1	27.1	0	0
3/6/2017	13:50:00	45.4	26.5	0	0
3/6/2017	14:00:00	45.7	26.6	0	0
3/6/2017	14:10:00	45.7	26.2	0	0
3/6/2017	14:20:00	47.2	25.6	0	0
3/6/2017	14:30:00	47	24.5	0	0
3/6/2017	14:40:00	46.3	24.8	0	0
3/6/2017	14:50:00	46.4	25	0	0
3/6/2017	15:00:00	47	24.4	0	0
3/6/2017	15:10:00	47.2	24.5	0	0
3/6/2017	15:20:00	47.2	24.5	0	0
3/6/2017	15:30:00	47.3	24.5	0	0
3/6/2017	15:40:00	47.8	24.2	0	0
3/6/2017	15:50:00	48.4	23.1	0	0
3/6/2017	16:00:00	48.3	21.9	0	0
3/6/2017	16:10:00	47	23	0	0
3/6/2017	16:20:00	47	22.9	0	0
3/6/2017	16:30:00	46.9	22.6	0	0
3/6/2017	16:40:00	46.7	22.5	0	0
3/6/2017	16:50:00	45.8	24.2	0	0
3/6/2017	17:00:00	45.6	23.5	0	0
3/6/2017	17:10:00	43.6	27.5	0	0
3/6/2017	17:20:00	43.3	27.4	0	0
3/6/2017	17:30:00	44	24.9	0	0
3/6/2017	17:40:00	42.9	26.8	0	0
3/6/2017	17:50:00	43.2	25.4	0	0
3/6/2017	18:00:00	42.2	26.7	0	0
3/6/2017	18:10:00	40.8	29.4	0	0
3/6/2017	18:20:00	40.7	30.1	0	0
3/6/2017	18:30:00	37.7	37.5	0	0
3/6/2017	18:40:00	38.8	35.1	0	0
3/6/2017	18:50:00	40	31.4	0	0
3/6/2017	19:00:00	40.6	30.2	0	0
3/6/2017	19:10:00	40	31.9	0	0
3/6/2017	19:20:00	41.3	29	0	0
3/6/2017	19:30:00	40.8	31.3	0	0
3/6/2017	19:40:00	40.6	31.3	0	0
3/6/2017	19:50:00	40.3	32.3	0	0
3/6/2017	20:00:00	40.8	31.3	0	0
3/6/2017	20:10:00	40.3	32	0	0
3/6/2017	20:20:00	40	33.3	0	0
3/6/2017	20:30:00	40.4	32.8	0	0
3/6/2017	20:40:00	40.4	33.3	0	0
3/6/2017	20:50:00	39.5	36.4	0	0
3/6/2017	21:00:00	40.4	34.4	0	0
3/6/2017	21:10:00	40.5	34.6	0	0
3/6/2017	21:20:00	40.2	35.7	0	0
3/6/2017	21:30:00	39.9	37.9	0	0
3/6/2017	21:40:00	40.8	35.3	0	0
3/6/2017	21:50:00	40.6	35.9	0	0
3/6/2017	22:00:00	40.7	36.3	0	0
3/6/2017	22:10:00	39.4	40.7	0	0
3/6/2017	22:20:00	38.2	45.6	0	0
3/6/2017	22:30:00	39	42.6	0	0
3/6/2017	22:40:00	39.1	45.5	0	0
3/6/2017	22:50:00	39.3	43.8	0	0
3/6/2017	23:00:00	39.3	43.3	0	0
3/6/2017	23:10:00	38.2	50.8	0	0
3/6/2017	23:20:00	37	59.5	0	0
3/6/2017	23:30:00	35.2	73.8	0.01	0.01
3/6/2017	23:40:00	34.4	81.2	0.01	0.01

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/6/2017	23:50:00	33.9	87.8	0.02	0.02
3/7/2017	0:00:00	33.6	91.5	0.02	0.02
3/7/2017	0:10:00	33.4	92.5	0.01	0.04
3/7/2017	0:20:00	33.2	93.1	0.01	0.04
3/7/2017	0:30:00	33.3	93.8	0.02	0.04
3/7/2017	0:40:00	33.1	94.1	0.02	0.05
3/7/2017	0:50:00	33	93.4	0.02	0.05
3/7/2017	1:00:00	33	93.5	0.03	0.05
3/7/2017	1:10:00	32.9	93.7	0.03	0.06
3/7/2017	1:20:00	32.7	95.1	0.03	0.06
3/7/2017	1:30:00	32.6	95.6	0.03	0.06
3/7/2017	1:40:00	32.8	95.9	0.03	0.06
3/7/2017	1:50:00	32.8	96.1	0.04	0.06
3/7/2017	2:00:00	32.9	95.6	0.04	0.06
3/7/2017	2:10:00	33.1	95.5	0.04	0.06
3/7/2017	2:20:00	33	95.8	0.05	0.07
3/7/2017	2:30:00	33	96.4	0.05	0.07
3/7/2017	2:40:00	33.2	96.7	0.05	0.08
3/7/2017	2:50:00	33.5	96.7	0.05	0.08
3/7/2017	3:00:00	33.6	96.6	0.05	0.08
3/7/2017	3:10:00	33.6	96.5	0.06	0.08
3/7/2017	3:20:00	33.7	96.5	0.07	0.09
3/7/2017	3:30:00	34.1	95.1	0.08	0.1
3/7/2017	3:40:00	33.9	94.9	0.08	0.11
3/7/2017	3:50:00	34.3	94.6	0.09	0.11
3/7/2017	4:00:00	34.2	93.4	0.09	0.11
3/7/2017	4:10:00	34	94.3	0.09	0.12
3/7/2017	4:20:00	34.2	93.4	0.1	0.12
3/7/2017	4:30:00	34	94.3	0.1	0.12
3/7/2017	4:40:00	34.4	93.5	0.1	0.13
3/7/2017	4:50:00	34.3	93.3	0.11	0.14
3/7/2017	5:00:00	34.2	94	0.12	0.14
3/7/2017	5:10:00	34.1	93.4	0.12	0.15
3/7/2017	5:20:00	33.9	94.9	0.13	0.15
3/7/2017	5:30:00	34.2	94.4	0.13	0.16
3/7/2017	5:40:00	33.9	95.3	0.14	0.16
3/7/2017	5:50:00	34	94.7	0.15	0.17
3/7/2017	6:00:00	34	93.7	0.15	0.18
3/7/2017	6:10:00	34	94.7	0.16	0.18
3/7/2017	6:20:00	34.1	94.5	0.16	0.19
3/7/2017	6:30:00	34.5	93.1	0.17	0.19
3/7/2017	6:40:00	34.1	94.1	0.18	0.2
3/7/2017	6:50:00	34.2	94.8	0.18	0.21
3/7/2017	7:00:00	34.5	92.7	0.19	0.21
3/7/2017	7:10:00	34.3	93.8	0.19	0.22
3/7/2017	7:20:00	34.8	92.3	0.19	0.22
3/7/2017	7:30:00	34.5	93.4	0.2	0.22
3/7/2017	7:40:00	34.8	92.2	0.2	0.22
3/7/2017	7:50:00	34.8	92.7	0.2	0.23
3/7/2017	8:00:00	35.1	91.6	0.2	0.23
3/7/2017	8:10:00	35.1	91.3	0.2	0.23
3/7/2017	8:20:00	35.2	91.2	0.21	0.23
3/7/2017	8:30:00	35.3	90.8	0.21	0.23
3/7/2017	8:40:00	35.3	91.1	0.21	0.23
3/7/2017	8:50:00	35.4	91.9	0.21	0.23
3/7/2017	9:00:00	35.5	92.7	0.21	0.24
3/7/2017	9:10:00	35.5	92.2	0.21	0.24
3/7/2017	9:20:00	35.5	91.6	0.22	0.24
3/7/2017	9:30:00	35.6	92	0.22	0.25
3/7/2017	9:40:00	35.4	93.1	0.23	0.25
3/7/2017	9:50:00	35.6	91.9	0.24	0.26
3/7/2017	10:00:00	35.6	93.2	0.25	0.27
3/7/2017	10:10:00	35.9	93.1	0.25	0.28
3/7/2017	10:20:00	36.1	92.8	0.26	0.28
3/7/2017	10:30:00	36.3	92.9	0.26	0.28
3/7/2017	10:40:00	36.3	92.4	0.26	0.28
3/7/2017	10:50:00	36.4	92.9	0.26	0.28
3/7/2017	11:00:00	36.7	92.9	0.26	0.28
3/7/2017	11:10:00	36.8	92.2	0.26	0.28
3/7/2017	11:20:00	37	92.5	0.26	0.28
3/7/2017	11:30:00	36.9	92.2	0.27	0.29
3/7/2017	11:40:00	36.8	92.4	0.28	0.3
3/7/2017	11:50:00	36.8	93.5	0.28	0.31
3/7/2017	12:00:00	37.1	92.8	0.29	0.31
3/7/2017	12:10:00	37.5	92.9	0.29	0.31
3/7/2017	12:20:00	37.5	92.9	0.29	0.31
3/7/2017	12:30:00	37.7	93.2	0.29	0.31
3/7/2017	12:40:00	38	93.2	0.29	0.31
3/7/2017	12:50:00	38.5	92.9	0.29	0.31
3/7/2017	13:00:00	38.7	93.3	0.29	0.31

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/7/2017	13:10:00	38.8	93.2	0.29	0.31
3/7/2017	13:20:00	39.3	93.2	0.29	0.31
3/7/2017	13:30:00	39.4	92.6	0.29	0.31
3/7/2017	13:40:00	39.4	92.4	0.29	0.31
3/7/2017	13:50:00	39.5	92.5	0.29	0.31
3/7/2017	14:00:00	39.7	92.7	0.29	0.31
3/7/2017	14:10:00	39.7	93.2	0.29	0.31
3/7/2017	14:20:00	39.9	93.5	0.29	0.31
3/7/2017	14:30:00	40.1	93.4	0.29	0.31
3/7/2017	14:40:00	40.3	93.2	0.29	0.31
3/7/2017	14:50:00	40.5	93.4	0.29	0.31
3/7/2017	15:00:00	40.7	93.5	0.29	0.32
3/7/2017	15:10:00	40.7	93.9	0.29	0.32
3/7/2017	15:20:00	40.9	94	0.29	0.32
3/7/2017	15:30:00	40.9	94.3	0.29	0.32
3/7/2017	15:40:00	40.7	95.2	0.29	0.32
3/7/2017	15:50:00	41.2	94.7	0.29	0.32
3/7/2017	16:00:00	40.9	95.8	0.29	0.32
3/7/2017	16:10:00	41.6	95.8	0.29	0.32
3/7/2017	16:20:00	41.8	95.6	0.29	0.32
3/7/2017	16:30:00	42.5	94.7	0.29	0.32
3/7/2017	16:40:00	42.3	95	0.29	0.32
3/7/2017	16:50:00	43.2	93.9	0.29	0.32
3/7/2017	17:00:00	43.5	93	0.29	0.32
3/7/2017	17:10:00	43.5	92.8	0.29	0.32
3/7/2017	17:20:00	43.4	92.6	0.29	0.32
3/7/2017	17:30:00	43.3	92.8	0.3	0.32
3/7/2017	17:40:00	42.9	93.1	0.3	0.32
3/7/2017	17:50:00	43.2	93.1	0.3	0.32
3/7/2017	18:00:00	43.3	93.1	0.3	0.32
3/7/2017	18:10:00	43.4	93.3	0.3	0.32
3/7/2017	18:20:00	43.4	93	0.3	0.32
3/7/2017	18:30:00	42.4	93	0.3	0.32
3/7/2017	18:40:00	40.9	95	0.3	0.32
3/7/2017	18:50:00	40.7	96.2	0.3	0.32
3/7/2017	19:00:00	40.4	96.7	0.3	0.32
3/7/2017	19:10:00	40.9	97	0.3	0.32
3/7/2017	19:20:00	42.3	97.8	0.3	0.32
3/7/2017	19:30:00	42.3	96.6	0.3	0.32
3/7/2017	19:40:00	42	96.1	0.3	0.33
3/7/2017	19:50:00	41.6	96.7	0.3	0.33
3/7/2017	20:00:00	41.6	97.3	0.3	0.33
3/7/2017	20:10:00	43.1	97.8	0.31	0.33
3/7/2017	20:20:00	42.5	96.4	0.31	0.33
3/7/2017	20:30:00	42.1	96.5	0.31	0.33
3/7/2017	20:40:00	41.8	97	0.31	0.33
3/7/2017	20:50:00	43.8	97.3	0.31	0.33
3/7/2017	21:00:00	43.7	96.5	0.31	0.33
3/7/2017	21:10:00	43.6	96.3	0.31	0.33
3/7/2017	21:20:00	43.7	96.5	0.31	0.33
3/7/2017	21:30:00	43.4	96.8	0.31	0.33
3/7/2017	21:40:00	42.2	96.6	0.31	0.33
3/7/2017	21:50:00	42.4	97.1	0.31	0.33
3/7/2017	22:00:00	43.1	97.6	0.31	0.33
3/7/2017	22:10:00	42.7	97.2	0.31	0.33
3/7/2017	22:20:00	43.2	97.6	0.31	0.33
3/7/2017	22:30:00	43.7	97.8	0.31	0.33
3/7/2017	22:40:00	44.1	98	0.31	0.33
3/7/2017	22:50:00	45	98	0.31	0.33
3/7/2017	23:00:00	46.1	97.9	0.31	0.33
3/7/2017	23:10:00	48	96.1	0.31	0
3/7/2017	23:20:00	48	95.7	0.31	0
3/7/2017	23:30:00	51.5	95.3	0.31	0
3/7/2017	23:40:00	52	87.1	0.31	0
3/7/2017	23:50:00	51.6	88.4	0.31	0
3/8/2017	0:00:00	51.9	89.2	0.31	0
3/8/2017	0:10:00	52.2	88.2	0	0
3/8/2017	0:20:00	53.3	85.8	0	0
3/8/2017	0:30:00	51.3	90.7	0	0
3/8/2017	0:40:00	53.4	88.7	0	0
3/8/2017	0:50:00	54.2	86.3	0	0
3/8/2017	1:00:00	53.5	86.6	0	0
3/8/2017	1:10:00	53.8	86.4	0	0
3/8/2017	1:20:00	54.5	85.3	0	0
3/8/2017	1:30:00	53.8	85	0	0
3/8/2017	1:40:00	53.8	85.7	0	0
3/8/2017	1:50:00	55	84.3	0	0
3/8/2017	2:00:00	54.6	86	0	0
3/8/2017	2:10:00	54.3	86.1	0	0
3/8/2017	2:20:00	54.5	84.8	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/8/2017	2:30:00	55.3	83.8	0	0
3/8/2017	2:40:00	55.4	83.3	0	0
3/8/2017	2:50:00	45.2	81.3	0.04	0.04
3/8/2017	3:00:00	42.7	83.4	0.06	0.06
3/8/2017	3:10:00	41.6	84.4	0.08	0.08
3/8/2017	3:20:00	40.8	85.1	0.08	0.08
3/8/2017	3:30:00	40.4	85.2	0.08	0.08
3/8/2017	3:40:00	40.1	86.1	0.08	0.08
3/8/2017	3:50:00	40	86.2	0.08	0.08
3/8/2017	4:00:00	39.5	87.4	0.08	0.08
3/8/2017	4:10:00	38.8	90.5	0.09	0.09
3/8/2017	4:20:00	38.4	90.8	0.1	0.1
3/8/2017	4:30:00	37.9	92.1	0.1	0.1
3/8/2017	4:40:00	37.5	92.6	0.11	0.11
3/8/2017	4:50:00	37.2	92.7	0.12	0.12
3/8/2017	5:00:00	36.8	92.3	0.13	0.13
3/8/2017	5:10:00	36.3	93.4	0.14	0.14
3/8/2017	5:20:00	35.9	94.1	0.14	0.14
3/8/2017	5:30:00	35.5	95.6	0.15	0.15
3/8/2017	5:40:00	35.2	96.3	0.15	0.15
3/8/2017	5:50:00	35.2	97	0.16	0.16
3/8/2017	6:00:00	35	97.2	0.16	0.16
3/8/2017	6:10:00	35.3	97.1	0.16	0.16
3/8/2017	6:20:00	35.3	96.8	0.16	0.16
3/8/2017	6:30:00	34.9	96.7	0.16	0.16
3/8/2017	6:40:00	35.1	97	0.16	0.16
3/8/2017	6:50:00	35.1	96.9	0.16	0.16
3/8/2017	7:00:00	35.3	96.6	0.16	0.16
3/8/2017	7:10:00	35.5	96.2	0.16	0.16
3/8/2017	7:20:00	35.5	96.2	0.16	0.16
3/8/2017	7:30:00	35.4	96.2	0.16	0.16
3/8/2017	7:40:00	35.2	96.4	0.16	0.16
3/8/2017	7:50:00	35.8	96.9	0.16	0.16
3/8/2017	8:00:00	36.4	96.1	0.16	0.16
3/8/2017	8:10:00	37.3	94.3	0.16	0.16
3/8/2017	8:20:00	37.9	91.6	0.16	0.16
3/8/2017	8:30:00	38.7	87.7	0.16	0.16
3/8/2017	8:40:00	38.9	85.7	0.16	0.16
3/8/2017	8:50:00	39.4	82.7	0.16	0.16
3/8/2017	9:00:00	40.2	81.9	0.16	0.16
3/8/2017	9:10:00	40.3	78.5	0.16	0.16
3/8/2017	9:20:00	41.2	76.2	0.16	0.16
3/8/2017	9:30:00	41.3	74.2	0.16	0.16
3/8/2017	9:40:00	42.1	72.1	0.16	0.16
3/8/2017	9:50:00	42.6	69.8	0.16	0.16
3/8/2017	10:00:00	43.8	66.9	0.16	0.16
3/8/2017	10:10:00	44.5	61.2	0.16	0.16
3/8/2017	10:20:00	44.9	56.7	0.16	0.16
3/8/2017	10:30:00	45.2	55.5	0.16	0.16
3/8/2017	10:40:00	46.4	55.9	0.16	0.16
3/8/2017	10:50:00	46.5	53.1	0.16	0.16
3/8/2017	11:00:00	47.2	49.4	0.16	0.16
3/8/2017	11:10:00	47.8	47.2	0.16	0.16
3/8/2017	11:20:00	48.1	44.3	0.16	0.16
3/8/2017	11:30:00	49	42.2	0.16	0.16
3/8/2017	11:40:00	49.4	42.3	0.16	0.16
3/8/2017	11:50:00	49.5	39.9	0.16	0.16
3/8/2017	12:00:00	49.4	40	0.16	0.16
3/8/2017	12:10:00	50.9	40.7	0.16	0.16
3/8/2017	12:20:00	51.2	36.2	0.16	0.16
3/8/2017	12:30:00	50.3	36.1	0.16	0.16
3/8/2017	12:40:00	49.5	37.8	0.16	0.16
3/8/2017	12:50:00	47.5	42.9	0.16	0.16
3/8/2017	13:00:00	42.2	69.4	0.18	0.18
3/8/2017	13:10:00	43.9	70.3	0.18	0.18
3/8/2017	13:20:00	46	64.9	0.18	0.18
3/8/2017	13:30:00	46.1	60.9	0.18	0.18
3/8/2017	13:40:00	46.3	52.6	0.18	0.18
3/8/2017	13:50:00	47.1	50.1	0.18	0.18
3/8/2017	14:00:00	47	52.6	0.18	0.18
3/8/2017	14:10:00	47.7	48.1	0.18	0.18
3/8/2017	14:20:00	50	40.8	0.18	0.18
3/8/2017	14:30:00	50.5	38.2	0.18	0.18
3/8/2017	14:40:00	51.3	37.8	0.18	0.18
3/8/2017	14:50:00	51	35.5	0.18	0.18
3/8/2017	15:00:00	51.9	33.1	0.18	0.18
3/8/2017	15:10:00	50.9	33.5	0.18	0.18
3/8/2017	15:20:00	51.7	31.8	0.18	0.18
3/8/2017	15:30:00	51.2	31.2	0.18	0.18
3/8/2017	15:40:00	53.4	30	0.18	0.18

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/8/2017	15:50:00	52.6	25.8	0.18	0.18
3/8/2017	16:00:00	52.6	25.1	0.18	0.18
3/8/2017	16:10:00	53.2	24.6	0.18	0.18
3/8/2017	16:20:00	52.6	24.2	0.18	0.18
3/8/2017	16:30:00	53	23.1	0.18	0.18
3/8/2017	16:40:00	52.3	23.1	0.18	0.18
3/8/2017	16:50:00	52.3	23.5	0.18	0.18
3/8/2017	17:00:00	52	22.8	0.18	0.18
3/8/2017	17:10:00	52	21.8	0.18	0.18
3/8/2017	17:20:00	51.9	22.6	0.18	0.18
3/8/2017	17:30:00	51.6	23.2	0.18	0.18
3/8/2017	17:40:00	51.4	23.6	0.18	0.18
3/8/2017	17:50:00	51.2	24.1	0.18	0.18
3/8/2017	18:00:00	51.1	23.9	0.18	0.18
3/8/2017	18:10:00	50.9	24.1	0.18	0.18
3/8/2017	18:20:00	50.7	24.8	0.18	0.18
3/8/2017	18:30:00	49.7	26.9	0.18	0.18
3/8/2017	18:40:00	50.1	26.1	0.18	0.18
3/8/2017	18:50:00	49.1	28.5	0.18	0.18
3/8/2017	19:00:00	50	26.5	0.18	0.18
3/8/2017	19:10:00	50.2	26	0.18	0.18
3/8/2017	19:20:00	50.4	25.4	0.18	0.18
3/8/2017	19:30:00	50	26	0.18	0.18
3/8/2017	19:40:00	49.9	25.9	0.18	0.18
3/8/2017	19:50:00	49.6	27	0.18	0.18
3/8/2017	20:00:00	49.8	26.8	0.18	0.18
3/8/2017	20:10:00	49.9	26.3	0.18	0.18
3/8/2017	20:20:00	48.1	30.8	0.18	0.18
3/8/2017	20:30:00	50.2	26.5	0.18	0.18
3/8/2017	20:40:00	49.9	26.9	0.18	0.18
3/8/2017	20:50:00	46.6	34.9	0.18	0.18
3/8/2017	21:00:00	44.6	44.4	0.18	0.18
3/8/2017	21:10:00	43	46.7	0.18	0.18
3/8/2017	21:20:00	43.1	47.4	0.18	0.18
3/8/2017	21:30:00	41.2	57.3	0.18	0.18
3/8/2017	21:40:00	46	38	0.18	0.18
3/8/2017	21:50:00	48.6	31.8	0.18	0.18
3/8/2017	22:00:00	48.2	31.8	0.18	0.18
3/8/2017	22:10:00	48.7	29.4	0.18	0.18
3/8/2017	22:20:00	49.3	25.3	0.18	0.18
3/8/2017	22:30:00	49.4	22.7	0.18	0.18
3/8/2017	22:40:00	49.5	21.5	0.18	0.18
3/8/2017	22:50:00	49.3	21.8	0.18	0.18
3/8/2017	23:00:00	48.9	22.8	0.18	0.18
3/8/2017	23:10:00	48.5	23.5	0.18	0
3/8/2017	23:20:00	48.3	23.7	0.18	0
3/8/2017	23:30:00	48.3	23.8	0.18	0
3/8/2017	23:40:00	48.3	23.7	0.18	0
3/8/2017	23:50:00	48.2	23.4	0.18	0
3/9/2017	0:00:00	48.2	23.5	0.18	0
3/9/2017	0:10:00	47.9	23.9	0	0
3/9/2017	0:20:00	47.8	23.8	0	0
3/9/2017	0:30:00	47.6	23.9	0	0
3/9/2017	0:40:00	47.7	23.1	0	0
3/9/2017	0:50:00	46.9	24.2	0	0
3/9/2017	1:00:00	46.6	24.4	0	0
3/9/2017	1:10:00	45.8	25.4	0	0
3/9/2017	1:20:00	45.1	25.9	0	0
3/9/2017	1:30:00	45.2	26	0	0
3/9/2017	1:40:00	45.1	26.1	0	0
3/9/2017	1:50:00	45.1	26.8	0	0
3/9/2017	2:00:00	45.1	27	0	0
3/9/2017	2:10:00	44.9	27	0	0
3/9/2017	2:20:00	44.6	27.7	0	0
3/9/2017	2:30:00	44.5	28.2	0	0
3/9/2017	2:40:00	44.2	28.6	0	0
3/9/2017	2:50:00	43.9	29.1	0	0
3/9/2017	3:00:00	43.8	30.3	0	0
3/9/2017	3:10:00	44.1	30.3	0	0
3/9/2017	3:20:00	44.1	30.3	0	0
3/9/2017	3:30:00	43.6	31.2	0	0
3/9/2017	3:40:00	43.7	30.7	0	0
3/9/2017	3:50:00	43.2	31.7	0	0
3/9/2017	4:00:00	43.3	31.3	0	0
3/9/2017	4:10:00	42.7	32.5	0	0
3/9/2017	4:20:00	42.7	32.2	0	0
3/9/2017	4:30:00	42.2	32.9	0	0
3/9/2017	4:40:00	41.5	34.3	0	0
3/9/2017	4:50:00	41.8	33.8	0	0
3/9/2017	5:00:00	41.7	33.7	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/9/2017	5:10:00	41.7	33.2	0	0
3/9/2017	5:20:00	41.8	31.3	0	0
3/9/2017	5:30:00	41.4	31.7	0	0
3/9/2017	5:40:00	40.6	33.2	0	0
3/9/2017	5:50:00	40.4	33.7	0	0
3/9/2017	6:00:00	40.1	33.8	0	0
3/9/2017	6:10:00	40.3	32.9	0	0
3/9/2017	6:20:00	39.8	32.7	0	0
3/9/2017	6:30:00	39.4	33.1	0	0
3/9/2017	6:40:00	39.3	33.4	0	0
3/9/2017	6:50:00	39.1	32.7	0	0
3/9/2017	7:00:00	38.7	34.6	0	0
3/9/2017	7:10:00	38.4	36	0	0
3/9/2017	7:20:00	38.2	36.4	0	0
3/9/2017	7:30:00	38.3	36	0	0
3/9/2017	7:40:00	38.2	35.2	0	0
3/9/2017	7:50:00	38.3	34.6	0	0
3/9/2017	8:00:00	38.4	34.3	0	0
3/9/2017	8:10:00	38.6	33.9	0	0
3/9/2017	8:20:00	38.8	34.4	0	0
3/9/2017	8:30:00	38.7	35.2	0	0
3/9/2017	8:40:00	38.6	36.3	0	0
3/9/2017	8:50:00	38.7	36.8	0	0
3/9/2017	9:00:00	39.1	36.2	0	0
3/9/2017	9:10:00	39.1	36.8	0	0
3/9/2017	9:20:00	39.2	36.9	0	0
3/9/2017	9:30:00	39.3	37.2	0	0
3/9/2017	9:40:00	39.4	37.5	0	0
3/9/2017	9:50:00	39.5	37.4	0	0
3/9/2017	10:00:00	40	36.9	0	0
3/9/2017	10:10:00	40.6	35.9	0	0
3/9/2017	10:20:00	41.2	35	0	0
3/9/2017	10:30:00	41.9	34.2	0	0
3/9/2017	10:40:00	41.6	33.6	0	0
3/9/2017	10:50:00	41.9	33.1	0	0
3/9/2017	11:00:00	41.7	33.7	0	0
3/9/2017	11:10:00	41.6	35.3	0	0
3/9/2017	11:20:00	41.9	35.5	0	0
3/9/2017	11:30:00	41.6	34.9	0	0
3/9/2017	11:40:00	41.6	36	0	0
3/9/2017	11:50:00	41.4	36	0	0
3/9/2017	12:00:00	41.5	35.7	0	0
3/9/2017	12:10:00	41.5	35.4	0	0
3/9/2017	12:20:00	42.8	33.3	0	0
3/9/2017	12:30:00	43.5	31.5	0	0
3/9/2017	12:40:00	44.5	29.2	0	0
3/9/2017	12:50:00	43.7	28.1	0	0
3/9/2017	13:00:00	45.1	26.4	0	0
3/9/2017	13:10:00	43.4	27	0	0
3/9/2017	13:20:00	43.9	26.6	0	0
3/9/2017	13:30:00	44	27.7	0	0
3/9/2017	13:40:00	44.9	26.8	0	0
3/9/2017	13:50:00	45.3	26	0	0
3/9/2017	14:00:00	45.2	26.5	0	0
3/9/2017	14:10:00	44.7	26.5	0	0
3/9/2017	14:20:00	46.4	25.9	0	0
3/9/2017	14:30:00	46.5	25.4	0	0
3/9/2017	14:40:00	45.5	24.8	0	0
3/9/2017	14:50:00	46.2	23.9	0	0
3/9/2017	15:00:00	46.2	24.3	0	0
3/9/2017	15:10:00	46	24.4	0	0
3/9/2017	15:20:00	46	24	0	0
3/9/2017	15:30:00	46.8	23.9	0	0
3/9/2017	15:40:00	46.8	23.4	0	0
3/9/2017	15:50:00	46.7	22.9	0	0
3/9/2017	16:00:00	46.5	23.7	0	0
3/9/2017	16:10:00	45.9	23.3	0	0
3/9/2017	16:20:00	45.1	25	0	0
3/9/2017	16:30:00	44.5	24.1	0	0
3/9/2017	16:40:00	44.2	24.6	0	0
3/9/2017	16:50:00	44	24.9	0	0
3/9/2017	17:00:00	43.4	26.5	0	0
3/9/2017	17:10:00	42.9	27.1	0	0
3/9/2017	17:20:00	42.6	27.3	0	0
3/9/2017	17:30:00	42.2	27.4	0	0
3/9/2017	17:40:00	41.9	29.8	0	0
3/9/2017	17:50:00	41.4	32	0	0
3/9/2017	18:00:00	40.7	33.9	0	0
3/9/2017	18:10:00	40.3	34.6	0	0
3/9/2017	18:20:00	40	35.4	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/9/2017	18:30:00	39.7	35.8	0	0
3/9/2017	18:40:00	39.5	36.1	0	0
3/9/2017	18:50:00	39.2	36.2	0	0
3/9/2017	19:00:00	38.9	37	0	0
3/9/2017	19:10:00	39	36.6	0	0
3/9/2017	19:20:00	38.6	37.7	0	0
3/9/2017	19:30:00	38.5	37.8	0	0
3/9/2017	19:40:00	38.5	37.6	0	0
3/9/2017	19:50:00	37.8	39.4	0	0
3/9/2017	20:00:00	37.6	40.1	0	0
3/9/2017	20:10:00	37	40.9	0	0
3/9/2017	20:20:00	36.9	40.8	0	0
3/9/2017	20:30:00	36.7	41	0	0
3/9/2017	20:40:00	36.1	42.5	0	0
3/9/2017	20:50:00	36.3	42.2	0	0
3/9/2017	21:00:00	36.1	43.2	0	0
3/9/2017	21:10:00	36.2	42.2	0	0
3/9/2017	21:20:00	35.9	42.2	0	0
3/9/2017	21:30:00	35.4	45	0	0
3/9/2017	21:40:00	34.9	47.6	0	0
3/9/2017	21:50:00	34.5	49.2	0	0
3/9/2017	22:00:00	34.9	45	0	0
3/9/2017	22:10:00	35.3	42.2	0	0
3/9/2017	22:20:00	34.8	44.8	0	0
3/9/2017	22:30:00	34.7	44.9	0	0
3/9/2017	22:40:00	34.5	45.1	0	0
3/9/2017	22:50:00	34	48.4	0	0
3/9/2017	23:00:00	34.3	45.9	0	0
3/9/2017	23:10:00	33.8	46.9	0	0
3/9/2017	23:20:00	33.9	47.8	0	0
3/9/2017	23:30:00	34.2	43.5	0	0
3/9/2017	23:40:00	34.3	42.5	0	0
3/9/2017	23:50:00	34.3	42	0	0
3/10/2017	0:00:00	34	42.8	0	0
3/10/2017	0:10:00	33.4	46.3	0	0
3/10/2017	0:20:00	33.4	46.6	0	0
3/10/2017	0:30:00	33.6	43.9	0	0
3/10/2017	0:40:00	33.7	42.9	0	0
3/10/2017	0:50:00	33.4	43.9	0	0
3/10/2017	1:00:00	33.2	44.3	0	0
3/10/2017	1:10:00	33.2	43.5	0	0
3/10/2017	1:20:00	33	44.7	0	0
3/10/2017	1:30:00	32.9	45	0	0
3/10/2017	1:40:00	32.8	45.4	0	0
3/10/2017	1:50:00	32.8	45.4	0	0
3/10/2017	2:00:00	32.7	46.2	0	0
3/10/2017	2:10:00	32.6	47.1	0	0
3/10/2017	2:20:00	32.4	47.7	0	0
3/10/2017	2:30:00	32.2	49.7	0	0
3/10/2017	2:40:00	32.5	47	0	0
3/10/2017	2:50:00	31.7	54.7	0	0
3/10/2017	3:00:00	31.6	54.1	0	0
3/10/2017	3:10:00	31.4	54.6	0	0
3/10/2017	3:20:00	31.1	57.9	0	0
3/10/2017	3:30:00	31	59.7	0	0
3/10/2017	3:40:00	31.9	53.4	0	0
3/10/2017	3:50:00	31.6	54.2	0	0
3/10/2017	4:00:00	31.7	53.5	0	0
3/10/2017	4:10:00	31.4	55	0	0
3/10/2017	4:20:00	31.7	53.1	0	0
3/10/2017	4:30:00	31.5	53.5	0	0
3/10/2017	4:40:00	31.4	54	0	0
3/10/2017	4:50:00	31.3	54.5	0	0
3/10/2017	5:00:00	31.2	55.3	0	0
3/10/2017	5:10:00	31.2	55	0	0
3/10/2017	5:20:00	31.1	56.6	0	0
3/10/2017	5:30:00	31	57.4	0	0
3/10/2017	5:40:00	30.9	57.5	0	0
3/10/2017	5:50:00	31	56.7	0	0
3/10/2017	6:00:00	31.2	56.1	0	0
3/10/2017	6:10:00	31	57.1	0	0
3/10/2017	6:20:00	31	57.5	0	0
3/10/2017	6:30:00	31.1	58.2	0	0
3/10/2017	6:40:00	30.7	62.7	0	0
3/10/2017	6:50:00	30.1	67.2	0	0
3/10/2017	7:00:00	29	73.6	0	0
3/10/2017	7:10:00	28.4	77.5	0	0
3/10/2017	7:20:00	28.5	74.7	0	0
3/10/2017	7:30:00	28.5	70.1	0	0
3/10/2017	7:40:00	28.8	67.2	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/10/2017	7:50:00	28.8	65.5	0	0
3/10/2017	8:00:00	28.7	65.6	0	0
3/10/2017	8:10:00	28.1	68.8	0	0
3/10/2017	8:20:00	27.6	75	0	0
3/10/2017	8:30:00	26.6	83.4	0	0
3/10/2017	8:40:00	26.2	87.7	0.01	0.01
3/10/2017	8:50:00	26.2	88.7	0.01	0.01
3/10/2017	9:00:00	26.2	88.8	0.01	0.01
3/10/2017	9:10:00	26.1	88.8	0.02	0.02
3/10/2017	9:20:00	26.2	89.5	0.02	0.02
3/10/2017	9:30:00	26.2	89.4	0.02	0.02
3/10/2017	9:40:00	26.6	85.4	0.02	0.02
3/10/2017	9:50:00	26.9	81.3	0.02	0.02
3/10/2017	10:00:00	26.7	80.4	0.02	0.02
3/10/2017	10:10:00	26.7	83.1	0.02	0.02
3/10/2017	10:20:00	27	83.1	0.02	0.02
3/10/2017	10:30:00	27.3	83.1	0.02	0.02
3/10/2017	10:40:00	27.5	81	0.02	0.02
3/10/2017	10:50:00	28	75.8	0.02	0.02
3/10/2017	11:00:00	27.2	83	0.02	0.02
3/10/2017	11:10:00	26.5	89.1	0.04	0.04
3/10/2017	11:20:00	26.9	83.8	0.04	0.04
3/10/2017	11:30:00	27.4	80.9	0.04	0.04
3/10/2017	11:40:00	27.8	77.5	0.04	0.04
3/10/2017	11:50:00	28.1	75.8	0.04	0.04
3/10/2017	12:00:00	28.5	64.1	0.04	0.04
3/10/2017	12:10:00	28.6	60.7	0.04	0.04
3/10/2017	12:20:00	29.1	59.1	0.04	0.04
3/10/2017	12:30:00	28.8	60.1	0.04	0.04
3/10/2017	12:40:00	29.6	59.4	0.04	0.04
3/10/2017	12:50:00	30.2	59.9	0.04	0.04
3/10/2017	13:00:00	28.5	62.2	0.04	0.04
3/10/2017	13:10:00	29.1	54.7	0.04	0.04
3/10/2017	13:20:00	28	63.3	0.04	0.04
3/10/2017	13:30:00	28.7	66	0.04	0.04
3/10/2017	13:40:00	27	70.6	0.04	0.04
3/10/2017	13:50:00	28.7	65.1	0.04	0.04
3/10/2017	14:00:00	27.2	60.4	0.04	0.04
3/10/2017	14:10:00	27	58.1	0.04	0.04
3/10/2017	14:20:00	26.6	57.9	0.04	0.04
3/10/2017	14:30:00	25.6	66.2	0.04	0.04
3/10/2017	14:40:00	25.9	61.5	0.04	0.04
3/10/2017	14:50:00	26.9	47.5	0.04	0.04
3/10/2017	15:00:00	27.1	43.1	0.04	0.04
3/10/2017	15:10:00	27.7	42.3	0.04	0.04
3/10/2017	15:20:00	28.1	42.8	0.04	0.04
3/10/2017	15:30:00	26.7	42	0.04	0.04
3/10/2017	15:40:00	26	43.8	0.04	0.04
3/10/2017	15:50:00	26.6	42.8	0.04	0.04
3/10/2017	16:00:00	27.3	43.4	0.04	0.04
3/10/2017	16:10:00	26.2	43.7	0.04	0.04
3/10/2017	16:20:00	25.2	46.9	0.04	0.04
3/10/2017	16:30:00	25.3	46.5	0.04	0.04
3/10/2017	16:40:00	24.7	46.9	0.04	0.04
3/10/2017	16:50:00	24.4	45	0.04	0.04
3/10/2017	17:00:00	23.9	47.8	0.04	0.04
3/10/2017	17:10:00	23.8	49.2	0.04	0.04
3/10/2017	17:20:00	22.9	49.7	0.04	0.04
3/10/2017	17:30:00	22.4	51.4	0.04	0.04
3/10/2017	17:40:00	21.9	54.5	0.04	0.04
3/10/2017	17:50:00	21.1	53.3	0.04	0.04
3/10/2017	18:00:00	21	53.6	0.04	0.04
3/10/2017	18:10:00	20.5	55.9	0.04	0.04
3/10/2017	18:20:00	20.4	56.1	0.04	0.04
3/10/2017	18:30:00	20.1	52.7	0.04	0.04
3/10/2017	18:40:00	20	54.1	0.04	0.04
3/10/2017	18:50:00	18.8	65.7	0.04	0.04
3/10/2017	19:00:00	18.5	69.6	0.04	0.04
3/10/2017	19:10:00	18.7	65.5	0.04	0.04
3/10/2017	19:20:00	18.1	73.2	0.04	0.04
3/10/2017	19:30:00	18	60.4	0.04	0.04
3/10/2017	19:40:00	17.9	54.6	0.04	0.04
3/10/2017	19:50:00	17.8	51.8	0.04	0.04
3/10/2017	20:00:00	17.6	50.1	0.04	0.04
3/10/2017	20:10:00	17.4	49.7	0.04	0.04
3/10/2017	20:20:00	17.3	49.7	0.04	0.04
3/10/2017	20:30:00	17.1	48.5	0.04	0.04
3/10/2017	20:40:00	16.8	48.4	0.04	0.04
3/10/2017	20:50:00	16.7	47.4	0.04	0.04
3/10/2017	21:00:00	16.2	50.4	0.04	0.04

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/10/2017	21:10:00	16.2	46.9	0.04	0.04
3/10/2017	21:20:00	16.3	44.9	0.04	0.04
3/10/2017	21:30:00	16.1	49.3	0.04	0.04
3/10/2017	21:40:00	14.9	66.3	0.04	0.04
3/10/2017	21:50:00	14.4	71.1	0.04	0.04
3/10/2017	22:00:00	14.5	64.8	0.04	0.04
3/10/2017	22:10:00	14.2	57.7	0.04	0.04
3/10/2017	22:20:00	14.2	55.6	0.04	0.04
3/10/2017	22:30:00	13.7	55.8	0.04	0.04
3/10/2017	22:40:00	13.3	58.7	0.04	0.04
3/10/2017	22:50:00	13.3	57.2	0.04	0.04
3/10/2017	23:00:00	13.4	57.5	0.04	0.04
3/10/2017	23:10:00	13.1	59.5	0.04	0
3/10/2017	23:20:00	13.1	57.5	0.04	0
3/10/2017	23:30:00	13.1	58	0.04	0
3/10/2017	23:40:00	12.7	63.4	0.04	0
3/10/2017	23:50:00	12.3	68.7	0.04	0
3/11/2017	0:00:00	12	72.5	0.04	0
3/11/2017	0:10:00	12.1	70.1	0	0
3/11/2017	0:20:00	12.2	67.8	0	0
3/11/2017	0:30:00	12.2	65.8	0	0
3/11/2017	0:40:00	11.5	73.4	0	0
3/11/2017	0:50:00	11.7	65.6	0	0
3/11/2017	1:00:00	11.6	57.6	0	0
3/11/2017	1:10:00	11.7	53.6	0	0
3/11/2017	1:20:00	11.5	53.3	0	0
3/11/2017	1:30:00	11.4	54.6	0	0
3/11/2017	1:40:00	11.3	58.9	0	0
3/11/2017	1:50:00	10.8	69	0	0
3/11/2017	2:00:00	10.5	75.4	0	0
3/11/2017	2:10:00	10.4	73.8	0	0
3/11/2017	2:20:00	10.1	74.2	0	0
3/11/2017	2:30:00	9.9	76.2	0	0
3/11/2017	2:40:00	9.6	76.2	0	0
3/11/2017	2:50:00	9.2	75.2	0	0
3/11/2017	3:00:00	9.1	70.2	0	0
3/11/2017	3:10:00	8.9	66.2	0	0
3/11/2017	3:20:00	8.7	64.8	0	0
3/11/2017	3:30:00	8.6	65.1	0	0
3/11/2017	3:40:00	8.5	65.7	0	0
3/11/2017	3:50:00	8.3	67.5	0	0
3/11/2017	4:00:00	8.1	68.8	0	0
3/11/2017	4:10:00	7.9	68.5	0	0
3/11/2017	4:20:00	7.7	69.7	0	0
3/11/2017	4:30:00	8	68	0	0
3/11/2017	4:40:00	8.1	68.2	0	0
3/11/2017	4:50:00	7.8	69.5	0	0
3/11/2017	5:00:00	7.5	70.4	0	0
3/11/2017	5:10:00	7.7	68.2	0	0
3/11/2017	5:20:00	7.7	69.5	0	0
3/11/2017	5:30:00	7.5	70.3	0	0
3/11/2017	5:40:00	7.2	70.5	0	0
3/11/2017	5:50:00	7.3	69.7	0	0
3/11/2017	6:00:00	7.4	69.6	0	0
3/11/2017	6:10:00	7.3	70.7	0	0
3/11/2017	6:20:00	7.4	70.8	0	0
3/11/2017	6:30:00	7.2	70.1	0	0
3/11/2017	6:40:00	7.3	68.1	0	0
3/11/2017	6:50:00	7.3	67.4	0	0
3/11/2017	7:00:00	7.4	67.1	0	0
3/11/2017	7:10:00	7.6	66.8	0	0
3/11/2017	7:20:00	7.9	66.9	0	0
3/11/2017	7:30:00	7.9	65.4	0	0
3/11/2017	7:40:00	8.2	64.5	0	0
3/11/2017	7:50:00	8.6	62.8	0	0
3/11/2017	8:00:00	9.1	61.7	0	0
3/11/2017	8:10:00	9.4	60.9	0	0
3/11/2017	8:20:00	10.2	61.7	0	0
3/11/2017	8:30:00	10	58.9	0	0
3/11/2017	8:40:00	10.4	59.6	0	0
3/11/2017	8:50:00	11	56.9	0	0
3/11/2017	9:00:00	11.7	57.4	0	0
3/11/2017	9:10:00	11.5	58.7	0	0
3/11/2017	9:20:00	12.3	57.1	0	0
3/11/2017	9:30:00	12.4	57.8	0	0
3/11/2017	9:40:00	12.5	56.5	0	0
3/11/2017	9:50:00	13.1	56.8	0	0
3/11/2017	10:00:00	14.1	55.5	0	0
3/11/2017	10:10:00	13.6	53.9	0	0
3/11/2017	10:20:00	13.6	57.4	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/11/2017	10:30:00	14.1	58.1	0	0
3/11/2017	10:40:00	14.1	57.7	0	0
3/11/2017	10:50:00	13.6	64.3	0	0
3/11/2017	11:00:00	12.9	70.9	0	0
3/11/2017	11:10:00	13.5	74	0	0
3/11/2017	11:20:00	13.5	73.2	0	0
3/11/2017	11:30:00	14	70.2	0	0
3/11/2017	11:40:00	14.2	71.6	0	0
3/11/2017	11:50:00	14.4	71.6	0	0
3/11/2017	12:00:00	15	67.8	0	0
3/11/2017	12:10:00	14.5	69.8	0	0
3/11/2017	12:20:00	14.3	70.9	0	0
3/11/2017	12:30:00	14.2	72.2	0	0
3/11/2017	12:40:00	14.8	70.2	0	0
3/11/2017	12:50:00	14.3	71.3	0	0
3/11/2017	13:00:00	15.9	67	0	0
3/11/2017	13:10:00	15.9	64.1	0	0
3/11/2017	13:20:00	16.1	64.2	0	0
3/11/2017	13:30:00	15.6	59.1	0	0
3/11/2017	13:40:00	15.9	54.7	0	0
3/11/2017	13:50:00	17.9	51.7	0	0
3/11/2017	14:00:00	18.1	48.1	0	0
3/11/2017	14:10:00	16.7	51.2	0	0
3/11/2017	14:20:00	16.8	54.6	0	0
3/11/2017	14:30:00	17.3	53.5	0	0
3/11/2017	14:40:00	17	55	0	0
3/11/2017	14:50:00	16.3	59.4	0	0
3/11/2017	15:00:00	17.5	53.1	0	0
3/11/2017	15:10:00	17.5	49.5	0	0
3/11/2017	15:20:00	18.6	50.5	0	0
3/11/2017	15:30:00	18.3	45.5	0	0
3/11/2017	15:40:00	18.9	45	0	0
3/11/2017	15:50:00	18.2	58.3	0	0
3/11/2017	16:00:00	17.5	60.6	0	0
3/11/2017	16:10:00	17	56.4	0	0
3/11/2017	16:20:00	18.1	53.6	0	0
3/11/2017	16:30:00	18.1	46.8	0	0
3/11/2017	16:40:00	17.6	48.8	0	0
3/11/2017	16:50:00	17.6	47.3	0	0
3/11/2017	17:00:00	16.8	54.3	0	0
3/11/2017	17:10:00	16	60	0	0
3/11/2017	17:20:00	15.9	56.4	0	0
3/11/2017	17:30:00	15.8	54.7	0	0
3/11/2017	17:40:00	15.7	54	0	0
3/11/2017	17:50:00	15.6	53.2	0	0
3/11/2017	18:00:00	15.4	55.7	0	0
3/11/2017	18:10:00	15.3	58.7	0	0
3/11/2017	18:20:00	15.2	58.2	0	0
3/11/2017	18:30:00	15.4	55.9	0	0
3/11/2017	18:40:00	15.2	54.3	0	0
3/11/2017	18:50:00	15.3	53.9	0	0
3/11/2017	19:00:00	15.2	53.8	0	0
3/11/2017	19:10:00	15.2	54.2	0	0
3/11/2017	19:20:00	14.9	55	0	0
3/11/2017	19:30:00	15	55.5	0	0
3/11/2017	19:40:00	15.1	55.8	0	0
3/11/2017	19:50:00	15.1	57.7	0	0
3/11/2017	20:00:00	14.9	59.4	0	0
3/11/2017	20:10:00	14.9	60.5	0	0
3/11/2017	20:20:00	14.7	60.9	0	0
3/11/2017	20:30:00	14.7	60.6	0	0
3/11/2017	20:40:00	14.6	60.6	0	0
3/11/2017	20:50:00	14.6	61	0	0
3/11/2017	21:00:00	14.6	61	0	0
3/11/2017	21:10:00	14.5	62.4	0	0
3/11/2017	21:20:00	14.4	62.4	0	0
3/11/2017	21:30:00	14.6	61.9	0	0
3/11/2017	21:40:00	14.5	62.8	0	0
3/11/2017	21:50:00	14.5	63.3	0	0
3/11/2017	22:00:00	14.6	63.4	0	0
3/11/2017	22:10:00	14.6	63.8	0	0
3/11/2017	22:20:00	14.5	64.2	0	0
3/11/2017	22:30:00	14.7	64.9	0	0
3/11/2017	22:40:00	14.5	66.8	0	0
3/11/2017	22:50:00	14.6	67.1	0	0
3/11/2017	23:00:00	14.7	68.6	0	0
3/11/2017	23:10:00	14.7	72.2	0	0
3/11/2017	23:20:00	14.7	72.8	0	0
3/11/2017	23:30:00	14.3	78.2	0.01	0
3/11/2017	23:40:00	14.5	74.9	0.01	0.01

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/11/2017	23:50:00	14.3	69.2	0.01	0.01
3/12/2017	0:00:00	14.3	64.4	0.01	0.01
3/12/2017	0:10:00	14.3	63.4	0	0.01
3/12/2017	0:20:00	13.9	65.6	0	0.01
3/12/2017	0:30:00	13.7	63.9	0	0.01
3/12/2017	0:40:00	13.5	64.1	0	0.01
3/12/2017	0:50:00	13.3	65.9	0	0.01
3/12/2017	1:00:00	13.2	67.7	0	0.01
3/12/2017	1:10:00	13.2	64.4	0	0.01
3/12/2017	1:20:00	13.1	61.7	0	0.01
3/12/2017	1:30:00	12.9	60.7	0	0.01
3/12/2017	1:40:00	12.8	60.6	0	0.01
3/12/2017	1:50:00	12.7	61.4	0	0.01
3/12/2017	2:00:00				
3/12/2017	2:10:00				
3/12/2017	2:20:00				
3/12/2017	2:30:00				
3/12/2017	2:40:00				
3/12/2017	2:50:00				
3/12/2017	3:00:00	12.6	61.9	0	0.01
3/12/2017	3:10:00	12.7	58.6	0	0.01
3/12/2017	3:20:00	12.7	57.7	0	0.01
3/12/2017	3:30:00	12.7	56.5	0	0.01
3/12/2017	3:40:00	12.6	56.2	0	0.01
3/12/2017	3:50:00	12.5	56.5	0	0.01
3/12/2017	4:00:00	12.5	57.2	0	0.01
3/12/2017	4:10:00	12.4	57.5	0	0.01
3/12/2017	4:20:00	12.4	58.2	0	0.01
3/12/2017	4:30:00	12.3	59.7	0	0.01
3/12/2017	4:40:00	11.9	62.4	0	0.01
3/12/2017	4:50:00	11.6	66.4	0	0.01
3/12/2017	5:00:00	11.3	68.3	0	0.01
3/12/2017	5:10:00	11.1	69.5	0	0.01
3/12/2017	5:20:00	11	69.2	0	0.01
3/12/2017	5:30:00	11	67.5	0	0.01
3/12/2017	5:40:00	10.5	70.1	0	0.01
3/12/2017	5:50:00	9.9	70.4	0	0.01
3/12/2017	6:00:00	9.8	70.4	0	0.01
3/12/2017	6:10:00	9.6	70	0	0.01
3/12/2017	6:20:00	9.4	69.8	0	0.01
3/12/2017	6:30:00	9.5	67.4	0	0.01
3/12/2017	6:40:00	9.4	64	0	0.01
3/12/2017	6:50:00	9.2	64.7	0	0.01
3/12/2017	7:00:00	9.1	65.2	0	0.01
3/12/2017	7:10:00	9.1	64.9	0	0.01
3/12/2017	7:20:00	8.8	65.7	0	0.01
3/12/2017	7:30:00	8.8	65.9	0	0.01
3/12/2017	7:40:00	9.2	62.7	0	0.01
3/12/2017	7:50:00	9.2	61.6	0	0.01
3/12/2017	8:00:00	9.6	60.2	0	0.01
3/12/2017	8:10:00	9.7	59	0	0.01
3/12/2017	8:20:00	9.6	58	0	0.01
3/12/2017	8:30:00	9.7	58	0	0.01
3/12/2017	8:40:00	9.8	57.7	0	0.01
3/12/2017	8:50:00	10.1	58.9	0	0.01
3/12/2017	9:00:00	10.3	57.8	0	0.01
3/12/2017	9:10:00	10.6	57.7	0	0.01
3/12/2017	9:20:00	11.1	57.9	0	0.01
3/12/2017	9:30:00	11.3	58	0	0.01
3/12/2017	9:40:00	11.5	57.1	0	0.01
3/12/2017	9:50:00	12.4	57	0	0.01
3/12/2017	10:00:00	12.4	55.5	0	0.01
3/12/2017	10:10:00	12.6	52.8	0	0.01
3/12/2017	10:20:00	13.2	52.5	0	0.01
3/12/2017	10:30:00	14.3	51.3	0	0.01
3/12/2017	10:40:00	13.9	50.9	0	0.01
3/12/2017	10:50:00	14.3	49.9	0	0.01
3/12/2017	11:00:00	14.7	50.1	0	0.01
3/12/2017	11:10:00	15	49.6	0	0.01
3/12/2017	11:20:00	15.6	50.4	0	0.01
3/12/2017	11:30:00	15.8	52	0	0.01
3/12/2017	11:40:00	15.4	51.1	0	0.01
3/12/2017	11:50:00	15.7	50.4	0	0.01
3/12/2017	12:00:00	15.8	50.7	0	0.01
3/12/2017	12:10:00	16.5	49.3	0	0.01
3/12/2017	12:20:00	15.9	48.3	0	0.01
3/12/2017	12:30:00	16.4	49.6	0	0.01
3/12/2017	12:40:00	16.3	47.7	0	0.01
3/12/2017	12:50:00	16.1	48	0	0.01
3/12/2017	13:00:00	16.9	46.7	0	0.01

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/12/2017	13:10:00	17.8	45	0	0.01
3/12/2017	13:20:00	18.5	42.9	0	0.01
3/12/2017	13:30:00	17.9	44.3	0	0.01
3/12/2017	13:40:00	18.7	44.3	0	0.01
3/12/2017	13:50:00	17	46	0	0.01
3/12/2017	14:00:00	17.5	50.2	0	0.01
3/12/2017	14:10:00	17	53.3	0	0.01
3/12/2017	14:20:00	17	53.2	0	0.01
3/12/2017	14:30:00	17.5	47.3	0	0.01
3/12/2017	14:40:00	19.6	43.8	0	0.01
3/12/2017	14:50:00	19.3	43.3	0	0.01
3/12/2017	15:00:00	19.4	38.5	0	0.01
3/12/2017	15:10:00	19.7	43.7	0	0.01
3/12/2017	15:20:00	19.2	46.5	0	0.01
3/12/2017	15:30:00	19.7	44.8	0	0.01
3/12/2017	15:40:00	19.4	43.2	0	0.01
3/12/2017	15:50:00	18	49.3	0	0.01
3/12/2017	16:00:00	19.4	45	0	0.01
3/12/2017	16:10:00	19.7	42.2	0	0.01
3/12/2017	16:20:00	20.2	41.4	0	0.01
3/12/2017	16:30:00	20.2	41.3	0	0.01
3/12/2017	16:40:00	20.9	39.9	0	0.01
3/12/2017	16:50:00	20.2	39	0	0.01
3/12/2017	17:00:00	20.9	40.3	0	0.01
3/12/2017	17:10:00	20.1	41.7	0	0.01
3/12/2017	17:20:00	20.1	38.5	0	0.01
3/12/2017	17:30:00	19.7	34.1	0	0.01
3/12/2017	17:40:00	19.9	34.1	0	0.01
3/12/2017	17:50:00	19.3	34.5	0	0.01
3/12/2017	18:00:00	19.2	35.5	0	0.01
3/12/2017	18:10:00	18.5	35.9	0	0.01
3/12/2017	18:20:00	18.2	35.8	0	0.01
3/12/2017	18:30:00	18	36.6	0	0.01
3/12/2017	18:40:00	17.8	37.3	0	0.01
3/12/2017	18:50:00	17.8	37	0	0.01
3/12/2017	19:00:00	17.5	38.4	0	0.01
3/12/2017	19:10:00	17.2	39.6	0	0.01
3/12/2017	19:20:00	17.1	40.5	0	0.01
3/12/2017	19:30:00	17.1	41.3	0	0.01
3/12/2017	19:40:00	16.8	42.4	0	0.01
3/12/2017	19:50:00	16.7	43.1	0	0.01
3/12/2017	20:00:00	16.6	42.7	0	0.01
3/12/2017	20:10:00	16.4	42.9	0	0.01
3/12/2017	20:20:00	16.2	43.3	0	0.01
3/12/2017	20:30:00	15.8	43.7	0	0.01
3/12/2017	20:40:00	15.4	44.5	0	0.01
3/12/2017	20:50:00	14.9	45.6	0	0.01
3/12/2017	21:00:00	14.8	46.9	0	0.01
3/12/2017	21:10:00	13.9	50.3	0	0.01
3/12/2017	21:20:00	13.4	53	0	0.01
3/12/2017	21:30:00	13.1	53.6	0	0.01
3/12/2017	21:40:00	12.7	56.7	0	0.01
3/12/2017	21:50:00	12.9	56.7	0	0.01
3/12/2017	22:00:00	11.9	61.6	0	0.01
3/12/2017	22:10:00	11.7	63.6	0	0.01
3/12/2017	22:20:00	11.3	65.5	0	0.01
3/12/2017	22:30:00	10.9	65.4	0	0.01
3/12/2017	22:40:00	10.5	67.7	0	0.01
3/12/2017	22:50:00	10.5	68.2	0	0.01
3/12/2017	23:00:00	10.2	68.7	0	0.01
3/12/2017	23:10:00	9.8	69.7	0	0.01
3/12/2017	23:20:00	9.6	69.6	0	0.01
3/12/2017	23:30:00	8.7	71	0	0.01
3/12/2017	23:40:00	9	71.2	0	0.01
3/12/2017	23:50:00	9.1	70.8	0	0.01
3/13/2017	0:00:00	8	72.7	0	0.01
3/13/2017	0:10:00	8.2	74.1	0	0
3/13/2017	0:20:00	7.8	74.3	0	0
3/13/2017	0:30:00	7.7	76.1	0	0
3/13/2017	0:40:00	7.8	75.7	0	0
3/13/2017	0:50:00	7.4	76.7	0	0
3/13/2017	1:00:00	7.3	77.6	0	0
3/13/2017	1:10:00	7.2	77.7	0	0
3/13/2017	1:20:00	6.9	78.2	0	0
3/13/2017	1:30:00	6.7	79.9	0	0
3/13/2017	1:40:00	7.2	80	0	0
3/13/2017	1:50:00	6.4	82.4	0	0
3/13/2017	2:00:00	6.7	82.9	0	0
3/13/2017	2:10:00	6.5	83.5	0	0
3/13/2017	2:20:00	6.4	82.8	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/13/2017	2:30:00	6.4	83.7	0	0
3/13/2017	2:40:00	6	84.5	0	0
3/13/2017	2:50:00	5.6	84.9	0	0
3/13/2017	3:00:00	5.6	84.7	0	0
3/13/2017	3:10:00	5.9	85.3	0	0
3/13/2017	3:20:00	4.8	85.4	0	0
3/13/2017	3:30:00	5.2	86.9	0	0
3/13/2017	3:40:00	5.1	86.9	0	0
3/13/2017	3:50:00	5	86.9	0	0
3/13/2017	4:00:00	4.8	87	0	0
3/13/2017	4:10:00	4.6	87.1	0	0
3/13/2017	4:20:00	4.6	86.9	0	0
3/13/2017	4:30:00	4.5	87.1	0	0
3/13/2017	4:40:00	4.5	86.8	0	0
3/13/2017	4:50:00	4.2	86.8	0	0
3/13/2017	5:00:00	4.2	86.5	0	0
3/13/2017	5:10:00	3.8	86.7	0	0
3/13/2017	5:20:00	4.1	86.6	0	0
3/13/2017	5:30:00	4	86.2	0	0
3/13/2017	5:40:00	3.8	85.7	0	0
3/13/2017	5:50:00	3.8	85.8	0	0
3/13/2017	6:00:00	3.5	86.1	0	0
3/13/2017	6:10:00	3.7	86.1	0	0
3/13/2017	6:20:00	3.7	85.8	0	0
3/13/2017	6:30:00	3.3	85.5	0	0
3/13/2017	6:40:00	3.4	86.1	0	0
3/13/2017	6:50:00	3.3	85.9	0	0
3/13/2017	7:00:00	3.4	85.6	0	0
3/13/2017	7:10:00	3.1	85.2	0	0
3/13/2017	7:20:00	3.3	85.6	0	0
3/13/2017	7:30:00	3.6	85.2	0	0
3/13/2017	7:40:00	4.2	85	0	0
3/13/2017	7:50:00	4.6	84.8	0	0
3/13/2017	8:00:00	5.3	83.7	0	0
3/13/2017	8:10:00	5.8	82.9	0	0
3/13/2017	8:20:00	6.2	82.4	0	0
3/13/2017	8:30:00	7	81	0	0
3/13/2017	8:40:00	7.5	80.2	0	0
3/13/2017	8:50:00	7.9	80.6	0	0
3/13/2017	9:00:00	8.6	80.1	0	0
3/13/2017	9:10:00	9.8	80.6	0	0
3/13/2017	9:20:00	10.5	79.2	0	0
3/13/2017	9:30:00	11.7	76.9	0	0
3/13/2017	9:40:00	12.6	75.9	0	0
3/13/2017	9:50:00	13.3	73.8	0	0
3/13/2017	10:00:00	14.3	65.7	0	0
3/13/2017	10:10:00	14.9	63.7	0	0
3/13/2017	10:20:00	16.4	59.9	0	0
3/13/2017	10:30:00	16.5	58.8	0	0
3/13/2017	10:40:00	17.3	57.8	0	0
3/13/2017	10:50:00	18.4	55.9	0	0
3/13/2017	11:00:00	18.6	53.7	0	0
3/13/2017	11:10:00	18.7	52.2	0	0
3/13/2017	11:20:00	19.2	51.2	0	0
3/13/2017	11:30:00	20.9	49	0	0
3/13/2017	11:40:00	21.7	45.7	0	0
3/13/2017	11:50:00	20.7	44.9	0	0
3/13/2017	12:00:00	21	44.2	0	0
3/13/2017	12:10:00	22	43.5	0	0
3/13/2017	12:20:00	22.2	42.5	0	0
3/13/2017	12:30:00	24.4	42.4	0	0
3/13/2017	12:40:00	23.9	40	0	0
3/13/2017	12:50:00	24.7	39.5	0	0
3/13/2017	13:00:00	24.8	37.1	0	0
3/13/2017	13:10:00	25.4	33.7	0	0
3/13/2017	13:20:00	25	31	0	0
3/13/2017	13:30:00	26.3	32.3	0	0
3/13/2017	13:40:00	25.4	31.9	0	0
3/13/2017	13:50:00	27	32.6	0	0
3/13/2017	14:00:00	26.7	31.7	0	0
3/13/2017	14:10:00	27	32.2	0	0
3/13/2017	14:20:00	27.6	31.1	0	0
3/13/2017	14:30:00	28.8	31.6	0	0
3/13/2017	14:40:00	28	30.7	0	0
3/13/2017	14:50:00	28.9	30.8	0	0
3/13/2017	15:00:00	28.8	30.1	0	0
3/13/2017	15:10:00	29.5	30	0	0
3/13/2017	15:20:00	29.5	29.4	0	0
3/13/2017	15:30:00	30.5	28.3	0	0
3/13/2017	15:40:00	30.1	26.3	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/13/2017	15:50:00	30.8	25.6	0	0
3/13/2017	16:00:00	30.1	26.1	0	0
3/13/2017	16:10:00	30	27	0	0
3/13/2017	16:20:00	30.2	27.2	0	0
3/13/2017	16:30:00	30.4	27.1	0	0
3/13/2017	16:40:00	30.7	26.9	0	0
3/13/2017	16:50:00	30.9	26.2	0	0
3/13/2017	17:00:00	31	27	0	0
3/13/2017	17:10:00	31	27.1	0	0
3/13/2017	17:20:00	30.9	26.2	0	0
3/13/2017	17:30:00	31.1	27.1	0	0
3/13/2017	17:40:00	30.6	27.1	0	0
3/13/2017	17:50:00	30.4	27.4	0	0
3/13/2017	18:00:00	30	27.5	0	0
3/13/2017	18:10:00	29.9	26.7	0	0
3/13/2017	18:20:00	29.8	26.5	0	0
3/13/2017	18:30:00	29.4	28.1	0	0
3/13/2017	18:40:00	29.4	26.4	0	0
3/13/2017	18:50:00	29.4	25.8	0	0
3/13/2017	19:00:00	27.9	32.7	0	0
3/13/2017	19:10:00	27.4	39.7	0	0
3/13/2017	19:20:00	27.4	41.2	0	0
3/13/2017	19:30:00	27.1	39.6	0	0
3/13/2017	19:40:00	26.9	42.8	0	0
3/13/2017	19:50:00	25.8	53.1	0	0
3/13/2017	20:00:00	25.9	49	0	0
3/13/2017	20:10:00	25.9	48.6	0	0
3/13/2017	20:20:00	25.3	53	0	0
3/13/2017	20:30:00	25.1	51.9	0	0
3/13/2017	20:40:00	24.8	48.2	0	0
3/13/2017	20:50:00	24.7	48.2	0	0
3/13/2017	21:00:00	24.4	48.7	0	0
3/13/2017	21:10:00	24.1	50	0	0
3/13/2017	21:20:00	24.9	45.9	0	0
3/13/2017	21:30:00	26.4	39.8	0	0
3/13/2017	21:40:00	26.6	38.1	0	0
3/13/2017	21:50:00	26.3	38.5	0	0
3/13/2017	22:00:00	26.4	38.7	0	0
3/13/2017	22:10:00	26.4	38.7	0	0
3/13/2017	22:20:00	26.2	39.6	0	0
3/13/2017	22:30:00	26.2	38.9	0	0
3/13/2017	22:40:00	24.9	43.9	0	0
3/13/2017	22:50:00	24.8	47.4	0	0
3/13/2017	23:00:00	25.1	41.4	0	0
3/13/2017	23:10:00	24.3	45.3	0	0
3/13/2017	23:20:00	24.2	44.9	0	0
3/13/2017	23:30:00	24.3	46.6	0	0
3/13/2017	23:40:00	23.8	52	0	0
3/13/2017	23:50:00	24.3	50.2	0	0
3/14/2017	0:00:00	24	51	0	0
3/14/2017	0:10:00	24.7	47.4	0	0
3/14/2017	0:20:00	25.7	42	0	0
3/14/2017	0:30:00	25.5	42.6	0	0
3/14/2017	0:40:00	26.1	41.4	0	0
3/14/2017	0:50:00	26.2	41.5	0	0
3/14/2017	1:00:00	26.3	42.4	0	0
3/14/2017	1:10:00	26.2	43.9	0	0
3/14/2017	1:20:00	26	46.8	0	0
3/14/2017	1:30:00	25.6	51	0	0
3/14/2017	1:40:00	24.2	65	0	0
3/14/2017	1:50:00	23.1	77.4	0.01	0.01
3/14/2017	2:00:00	22.4	85.8	0.02	0.02
3/14/2017	2:10:00	22.1	88.9	0.04	0.04
3/14/2017	2:20:00	21.9	90.3	0.05	0.05
3/14/2017	2:30:00	22.1	90.3	0.06	0.06
3/14/2017	2:40:00	22.1	89.6	0.07	0.07
3/14/2017	2:50:00	22.1	89.6	0.08	0.08
3/14/2017	3:00:00	22.1	89.8	0.08	0.08
3/14/2017	3:10:00	22.1	90.2	0.09	0.09
3/14/2017	3:20:00	22	90.3	0.11	0.11
3/14/2017	3:30:00	22	90.8	0.13	0.13
3/14/2017	3:40:00	22	91.1	0.14	0.14
3/14/2017	3:50:00	21.9	91.8	0.16	0.16
3/14/2017	4:00:00	21.8	91.9	0.18	0.18
3/14/2017	4:10:00	21.8	92.2	0.19	0.19
3/14/2017	4:20:00	21.8	91.2	0.21	0.21
3/14/2017	4:30:00	21.8	91.3	0.22	0.22
3/14/2017	4:40:00	21.8	91.4	0.23	0.23
3/14/2017	4:50:00	21.8	91.5	0.24	0.24
3/14/2017	5:00:00	21.8	91.4	0.26	0.26

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/14/2017	5:10:00	21.9	91.5	0.27	0.27
3/14/2017	5:20:00	22	91.5	0.28	0.28
3/14/2017	5:30:00	21.9	91.9	0.3	0.3
3/14/2017	5:40:00	22	91.7	0.32	0.32
3/14/2017	5:50:00	21.8	92.1	0.33	0.33
3/14/2017	6:00:00	21.8	92.9	0.35	0.35
3/14/2017	6:10:00	21.7	93.2	0.37	0.37
3/14/2017	6:20:00	21.7	93.3	0.38	0.38
3/14/2017	6:30:00	21.7	93.4	0.41	0.41
3/14/2017	6:40:00	21.7	93.5	0.43	0.43
3/14/2017	6:50:00	21.8	93.4	0.45	0.45
3/14/2017	7:00:00	21.8	93.5	0.46	0.46
3/14/2017	7:10:00	21.7	93.6	0.49	0.49
3/14/2017	7:20:00	21.6	93.7	0.5	0.5
3/14/2017	7:30:00	21.7	93.8	0.52	0.52
3/14/2017	7:40:00	21.7	93.9	0.54	0.54
3/14/2017	7:50:00	21.8	93.8	0.56	0.56
3/14/2017	8:00:00	21.8	93.8	0.58	0.58
3/14/2017	8:10:00	21.9	93.9	0.61	0.61
3/14/2017	8:20:00	21.9	93.9	0.64	0.64
3/14/2017	8:30:00	22.1	94	0.67	0.67
3/14/2017	8:40:00	22.2	94	0.69	0.69
3/14/2017	8:50:00	22.2	93.7	0.72	0.72
3/14/2017	9:00:00	22.1	93.6	0.74	0.74
3/14/2017	9:10:00	22	93.6	0.78	0.78
3/14/2017	9:20:00	22	93.6	0.8	0.8
3/14/2017	9:30:00	22.4	93.7	0.83	0.83
3/14/2017	9:40:00	22.4	93.8	0.87	0.87
3/14/2017	9:50:00	22.4	93.9	0.92	0.92
3/14/2017	10:00:00	22.4	93.8	0.96	0.96
3/14/2017	10:10:00	22.3	93.6	1.01	1.01
3/14/2017	10:20:00	22.2	93.4	1.05	1.05
3/14/2017	10:30:00	22.2	93.5	1.11	1.11
3/14/2017	10:40:00	22	93.8	1.18	1.18
3/14/2017	10:50:00	22	93.8	1.23	1.23
3/14/2017	11:00:00	21.6	93.5	1.28	1.28
3/14/2017	11:10:00	21.8	93.8	1.35	1.35
3/14/2017	11:20:00	21.5	93.5	1.4	1.4
3/14/2017	11:30:00	21.1	92.8	1.44	1.44
3/14/2017	11:40:00	20.8	93.2	1.49	1.49
3/14/2017	11:50:00	20.6	93.2	1.55	1.55
3/14/2017	12:00:00	20.4	93.1	1.61	1.61
3/14/2017	12:10:00	20.2	92.8	1.7	1.7
3/14/2017	12:20:00	19.8	92.6	1.78	1.78
3/14/2017	12:30:00	20.1	92.9	1.84	1.84
3/14/2017	12:40:00	20.3	93	1.91	1.91
3/14/2017	12:50:00	20.2	92.9	1.98	1.98
3/14/2017	13:00:00	20.1	92.7	2.05	2.05
3/14/2017	13:10:00	20.2	92.8	2.11	2.11
3/14/2017	13:20:00	20.3	92.6	2.15	2.15
3/14/2017	13:30:00	20.1	91.8	2.19	2.19
3/14/2017	13:40:00	19.9	92.1	2.23	2.23
3/14/2017	13:50:00	19.9	91.8	2.26	2.26
3/14/2017	14:00:00	19.6	92.1	2.32	2.32
3/14/2017	14:10:00	19.5	91.9	2.35	2.35
3/14/2017	14:20:00	19.5	91.5	2.39	2.39
3/14/2017	14:30:00	19.5	92	2.42	2.42
3/14/2017	14:40:00	19.5	91.7	2.45	2.45
3/14/2017	14:50:00	19.7	92	2.48	2.48
3/14/2017	15:00:00	19.9	91.8	2.49	2.49
3/14/2017	15:10:00	20.1	92.1	2.51	2.51
3/14/2017	15:20:00	20.1	90.9	2.53	2.53
3/14/2017	15:30:00	20.2	90.7	2.54	2.54
3/14/2017	15:40:00	20.1	91	2.56	2.56
3/14/2017	15:50:00	20.5	91.3	2.57	2.57
3/14/2017	16:00:00	20.6	91.3	2.58	2.58
3/14/2017	16:10:00	20.7	91.4	2.58	2.58
3/14/2017	16:20:00	20.6	90.7	2.59	2.59
3/14/2017	16:30:00	20.6	90.7	2.6	2.6
3/14/2017	16:40:00	20.7	90.9	2.6	2.6
3/14/2017	16:50:00	20.7	91.1	2.61	2.61
3/14/2017	17:00:00	20.8	91.1	2.61	2.61
3/14/2017	17:10:00	20.8	91.1	2.62	2.62
3/14/2017	17:20:00	20.6	90	2.62	2.62
3/14/2017	17:30:00	20.4	89.8	2.63	2.63
3/14/2017	17:40:00	20	89.2	2.63	2.63
3/14/2017	17:50:00	19.5	89.8	2.63	2.63
3/14/2017	18:00:00	19.2	89.2	2.64	2.64
3/14/2017	18:10:00	18.8	89	2.64	2.64
3/14/2017	18:20:00	17.8	88.3	2.65	2.65

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/14/2017	18:30:00	17.5	88.9	2.65	2.65
3/14/2017	18:40:00	17.2	88.1	2.66	2.66
3/14/2017	18:50:00	17.1	88	2.66	2.66
3/14/2017	19:00:00	16.9	86.6	2.66	2.66
3/14/2017	19:10:00	16.9	85.8	2.66	2.66
3/14/2017	19:20:00	16.8	85.9	2.66	2.66
3/14/2017	19:30:00	16.6	87	2.66	2.66
3/14/2017	19:40:00	16.2	87.5	2.66	2.66
3/14/2017	19:50:00	15.7	87.6	2.66	2.66
3/14/2017	20:00:00	15.3	86.9	2.67	2.67
3/14/2017	20:10:00	14.9	87	2.67	2.67
3/14/2017	20:20:00	14.6	86.7	2.68	2.68
3/14/2017	20:30:00	14.3	86.7	2.68	2.68
3/14/2017	20:40:00	14.1	86.9	2.69	2.69
3/14/2017	20:50:00	14	87.6	2.69	2.69
3/14/2017	21:00:00	13.9	86.6	2.69	2.69
3/14/2017	21:10:00	13.8	86.9	2.7	2.7
3/14/2017	21:20:00	13.8	87.7	2.7	2.7
3/14/2017	21:30:00	13.9	86.6	2.7	2.7
3/14/2017	21:40:00	14	86.5	2.71	2.71
3/14/2017	21:50:00	13.9	87.2	2.71	2.71
3/14/2017	22:00:00	14	87.9	2.71	2.71
3/14/2017	22:10:00	14.1	87.8	2.72	2.72
3/14/2017	22:20:00	14.4	86.7	2.72	2.72
3/14/2017	22:30:00	14.4	86.1	2.72	2.72
3/14/2017	22:40:00	14.4	85.5	2.72	2.72
3/14/2017	22:50:00	14.4	85.3	2.72	2.72
3/14/2017	23:00:00	14.4	85.8	2.72	2.72
3/14/2017	23:10:00	14.5	84.9	2.72	2.72
3/14/2017	23:20:00	14.4	84.5	2.72	2.72
3/14/2017	23:30:00	14.5	84.2	2.73	2.73
3/14/2017	23:40:00	14.5	84.2	2.73	2.73
3/14/2017	23:50:00	14.5	84	2.73	2.73
3/15/2017	0:00:00	14.6	82.4	2.73	2.73
3/15/2017	0:10:00	14.4	81.5	2.73	0
3/15/2017	0:20:00	14.3	83.1	2.73	0
3/15/2017	0:30:00	14.3	83.7	2.73	0
3/15/2017	0:40:00	14.5	82.7	2.73	0
3/15/2017	0:50:00	14.3	82.3	2.73	0
3/15/2017	1:00:00	14.5	80.6	2.73	0
3/15/2017	1:10:00	14.5	77.4	0	0
3/15/2017	1:20:00	14.7	75.9	0	0
3/15/2017	1:30:00	14.6	75.7	0	0
3/15/2017	1:40:00	14.7	75.1	0	0
3/15/2017	1:50:00	14.8	74.5	0	0
3/15/2017	2:00:00	14.7	75.4	0	0
3/15/2017	2:10:00	14.6	77.3	0	0
3/15/2017	2:20:00	14.6	76.6	0	0
3/15/2017	2:30:00	14.5	77.1	0	0
3/15/2017	2:40:00	14.3	77	0	0
3/15/2017	2:50:00	14.3	76.3	0	0
3/15/2017	3:00:00	14.1	76.7	0	0
3/15/2017	3:10:00	14.1	76.5	0	0
3/15/2017	3:20:00	14.2	76.3	0	0
3/15/2017	3:30:00	14.2	76.4	0	0
3/15/2017	3:40:00	14.2	76.8	0	0
3/15/2017	3:50:00	14.1	77.7	0	0
3/15/2017	4:00:00	14.2	77	0	0
3/15/2017	4:10:00	14.1	77.6	0	0
3/15/2017	4:20:00	14.1	78.4	0	0
3/15/2017	4:30:00	14.1	77.2	0	0
3/15/2017	4:40:00	14.1	77.7	0	0
3/15/2017	4:50:00	14.2	78	0	0
3/15/2017	5:00:00	14.1	78.5	0	0
3/15/2017	5:10:00	14.2	77.9	0	0
3/15/2017	5:20:00	14.3	76.1	0	0
3/15/2017	5:30:00	14.3	75	0	0
3/15/2017	5:40:00	14.1	76.7	0	0
3/15/2017	5:50:00	14	79.4	0	0
3/15/2017	6:00:00	14	80.6	0	0
3/15/2017	6:10:00	13.9	80.1	0	0
3/15/2017	6:20:00	14	77.5	0	0
3/15/2017	6:30:00	14	76.3	0.01	0.01
3/15/2017	6:40:00	13.8	77.7	0.01	0.01
3/15/2017	6:50:00	13.6	79.7	0.01	0.01
3/15/2017	7:00:00	13.6	79.2	0.01	0.01
3/15/2017	7:10:00	13.5	79.1	0.02	0.02
3/15/2017	7:20:00	13.6	78.5	0.02	0.02
3/15/2017	7:30:00	13.6	78.5	0.02	0.02
3/15/2017	7:40:00	13.6	77.8	0.02	0.02

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/15/2017	7:50:00	13.7	78.7	0.02	0.02
3/15/2017	8:00:00	13.8	78.9	0.02	0.02
3/15/2017	8:10:00	13.9	80.3	0.02	0.02
3/15/2017	8:20:00	14	78.4	0.02	0.02
3/15/2017	8:30:00	14.2	76.7	0.02	0.02
3/15/2017	8:40:00	14.4	76.1	0.02	0.02
3/15/2017	8:50:00	14.7	74.7	0.02	0.02
3/15/2017	9:00:00	14.9	75	0.02	0.02
3/15/2017	9:10:00	15.1	74.3	0.02	0.02
3/15/2017	9:20:00	15.1	74.8	0.02	0.02
3/15/2017	9:30:00	15.3	74.9	0.03	0.03
3/15/2017	9:40:00	15.4	74.7	0.03	0.03
3/15/2017	9:50:00	15.6	73.3	0.03	0.03
3/15/2017	10:00:00	15.6	73.9	0.03	0.03
3/15/2017	10:10:00	15.6	73.4	0.03	0.03
3/15/2017	10:20:00	15.9	72	0.03	0.03
3/15/2017	10:30:00	16.2	71.4	0.03	0.03
3/15/2017	10:40:00	16.2	71.8	0.03	0.03
3/15/2017	10:50:00	16.5	69.3	0.03	0.03
3/15/2017	11:00:00	16.4	69.6	0.04	0.04
3/15/2017	11:10:00	16.9	67.5	0.04	0.04
3/15/2017	11:20:00	17.2	65.1	0.04	0.04
3/15/2017	11:30:00	17.8	64.5	0.04	0.04
3/15/2017	11:40:00	17.7	63.5	0.04	0.04
3/15/2017	11:50:00	17.9	63.3	0.04	0.04
3/15/2017	12:00:00	17.7	62.8	0.04	0.04
3/15/2017	12:10:00	17.7	63.9	0.04	0.04
3/15/2017	12:20:00	18.2	62.8	0.04	0.04
3/15/2017	12:30:00	18.1	62.4	0.04	0.04
3/15/2017	12:40:00	18.1	65.5	0.04	0.04
3/15/2017	12:50:00	18.7	61.4	0.04	0.04
3/15/2017	13:00:00	18.1	68.5	0.04	0.04
3/15/2017	13:10:00	18.2	65.9	0.04	0.04
3/15/2017	13:20:00	19	62.6	0.04	0.04
3/15/2017	13:30:00	18.9	57.8	0.04	0.04
3/15/2017	13:40:00	19.4	60.1	0.04	0.04
3/15/2017	13:50:00	19.9	55.1	0.04	0.04
3/15/2017	14:00:00	19	54.5	0.04	0.04
3/15/2017	14:10:00	18.9	57.5	0.04	0.04
3/15/2017	14:20:00	18.7	59	0.04	0.04
3/15/2017	14:30:00	18.5	62.4	0.04	0.04
3/15/2017	14:40:00	18.5	65	0.04	0.04
3/15/2017	14:50:00	18.5	68	0.04	0.04
3/15/2017	15:00:00	18.6	62.1	0.04	0.04
3/15/2017	15:10:00	19	60.7	0.05	0.05
3/15/2017	15:20:00	18.6	64.6	0.05	0.05
3/15/2017	15:30:00	18.2	69.5	0.05	0.05
3/15/2017	15:40:00	18.9	61.1	0.05	0.05
3/15/2017	15:50:00	19.3	60.4	0.05	0.05
3/15/2017	16:00:00	19.2	62	0.05	0.05
3/15/2017	16:10:00	19.2	64.7	0.05	0.05
3/15/2017	16:20:00	18.8	65.1	0.05	0.05
3/15/2017	16:30:00	18.2	71.5	0.05	0.05
3/15/2017	16:40:00	18.4	69.6	0.05	0.05
3/15/2017	16:50:00	18.7	68	0.05	0.05
3/15/2017	17:00:00	19.1	63.3	0.05	0.05
3/15/2017	17:10:00	18.7	69.8	0.05	0.05
3/15/2017	17:20:00	18.8	71.5	0.05	0.05
3/15/2017	17:30:00	19.3	65.2	0.05	0.05
3/15/2017	17:40:00	19.4	64.2	0.05	0.05
3/15/2017	17:50:00	19.2	66.4	0.05	0.05
3/15/2017	18:00:00	19.4	65.9	0.05	0.05
3/15/2017	18:10:00	19.7	63.1	0.05	0.05
3/15/2017	18:20:00	19.9	60.8	0.05	0.05
3/15/2017	18:30:00	19.7	62.1	0.05	0.05
3/15/2017	18:40:00	19.5	63.4	0.05	0.05
3/15/2017	18:50:00	19.3	65.2	0.05	0.05
3/15/2017	19:00:00	19.3	65.3	0.05	0.05
3/15/2017	19:10:00	19.4	65.6	0.05	0.05
3/15/2017	19:20:00	19.4	66.2	0.05	0.05
3/15/2017	19:30:00	19.5	66.7	0.05	0.05
3/15/2017	19:40:00	19.5	68	0.05	0.05
3/15/2017	19:50:00	19.5	70.1	0.05	0.05
3/15/2017	20:00:00	19.4	72.5	0.05	0.05
3/15/2017	20:10:00	19.5	72.2	0.05	0.05
3/15/2017	20:20:00	19.6	72.6	0.05	0.05
3/15/2017	20:30:00	19.5	74.1	0.05	0.05
3/15/2017	20:40:00	19.7	72.1	0.05	0.05
3/15/2017	20:50:00	19.7	69.9	0.05	0.05
3/15/2017	21:00:00	19.8	68.3	0.05	0.05

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/15/2017	21:10:00	19.9	67.1	0.05	0.05
3/15/2017	21:20:00	19.8	67.5	0.05	0.05
3/15/2017	21:30:00	19.8	67.2	0.05	0.05
3/15/2017	21:40:00	19.9	66.2	0.05	0.05
3/15/2017	21:50:00	19.7	67	0.05	0.05
3/15/2017	22:00:00	19.7	68.5	0.05	0.05
3/15/2017	22:10:00	19.6	70	0.05	0.05
3/15/2017	22:20:00	19.6	70.1	0.05	0.05
3/15/2017	22:30:00	19.5	71.2	0.05	0.05
3/15/2017	22:40:00	19.6	71.5	0.05	0.05
3/15/2017	22:50:00	19.6	71.8	0.05	0.05
3/15/2017	23:00:00	19.7	72	0.05	0.05
3/15/2017	23:10:00	19.7	71.9	0.05	0.05
3/15/2017	23:20:00	19.6	73.3	0.05	0.05
3/15/2017	23:30:00	19.7	73.4	0.05	0.05
3/15/2017	23:40:00	19.7	73.6	0.05	0.05
3/15/2017	23:50:00	19.7	74.3	0.05	0.05
3/16/2017	0:00:00	19.7	74.7	0.05	0.05
3/16/2017	0:10:00	19.7	75.7	0.05	0
3/16/2017	0:20:00	19.7	75.4	0.05	0
3/16/2017	0:30:00	20	72.8	0.05	0
3/16/2017	0:40:00	20.3	70.1	0.05	0
3/16/2017	0:50:00	20.2	70.6	0.05	0
3/16/2017	1:00:00	20	73.2	0.05	0
3/16/2017	1:10:00	19.8	75.2	0	0
3/16/2017	1:20:00	19.8	75.8	0	0
3/16/2017	1:30:00	19.7	76.4	0	0
3/16/2017	1:40:00	19.6	77	0	0
3/16/2017	1:50:00	19.6	77.3	0	0
3/16/2017	2:00:00	19.4	78.9	0	0
3/16/2017	2:10:00	19.3	80.7	0.01	0.01
3/16/2017	2:20:00	19	83.4	0.01	0.01
3/16/2017	2:30:00	18.9	85	0.01	0.01
3/16/2017	2:40:00	18.7	87.3	0.01	0.01
3/16/2017	2:50:00	18.8	86.4	0.02	0.02
3/16/2017	3:00:00	18.8	84.4	0.02	0.02
3/16/2017	3:10:00	18.6	83.7	0.02	0.02
3/16/2017	3:20:00	18.6	79.9	0.02	0.02
3/16/2017	3:30:00	18.4	78.4	0.02	0.02
3/16/2017	3:40:00	18.4	76.6	0.02	0.02
3/16/2017	3:50:00	18.2	75.4	0.02	0.02
3/16/2017	4:00:00	18.1	74.2	0.02	0.02
3/16/2017	4:10:00	18.1	73.4	0.02	0.02
3/16/2017	4:20:00	18.3	71.4	0.02	0.02
3/16/2017	4:30:00	18.3	70.4	0.02	0.02
3/16/2017	4:40:00	18	70.3	0.02	0.02
3/16/2017	4:50:00	17.9	70.3	0.02	0.02
3/16/2017	5:00:00	17.9	69.7	0.02	0.02
3/16/2017	5:10:00	17.5	70.5	0.02	0.02
3/16/2017	5:20:00	17.4	70.5	0.02	0.02
3/16/2017	5:30:00	17.3	70.3	0.02	0.02
3/16/2017	5:40:00	17.2	68.8	0.02	0.02
3/16/2017	5:50:00	17.1	69.1	0.02	0.02
3/16/2017	6:00:00	17.6	68.9	0.02	0.02
3/16/2017	6:10:00	17.6	68.7	0.02	0.02
3/16/2017	6:20:00	17.2	69.9	0.02	0.02
3/16/2017	6:30:00	17.1	70.5	0.02	0.02
3/16/2017	6:40:00	17.3	69.9	0.02	0.02
3/16/2017	6:50:00	16.6	70.1	0.02	0.02
3/16/2017	7:00:00	16.1	72	0.02	0.02
3/16/2017	7:10:00	15.3	74.2	0.02	0.02
3/16/2017	7:20:00	15.1	76.2	0.02	0.02
3/16/2017	7:30:00	16.2	72.8	0.02	0.02
3/16/2017	7:40:00	17.2	68.6	0.02	0.02
3/16/2017	7:50:00	18.2	66	0.02	0.02
3/16/2017	8:00:00	18	65.3	0.02	0.02
3/16/2017	8:10:00	18.2	65.2	0.02	0.02
3/16/2017	8:20:00	18.8	63	0.02	0.02
3/16/2017	8:30:00	19.2	60.8	0.02	0.02
3/16/2017	8:40:00	19.2	60.2	0.02	0.02
3/16/2017	8:50:00	19.8	58.5	0.02	0.02
3/16/2017	9:00:00	20.2	56.5	0.02	0.02
3/16/2017	9:10:00	20.5	55.9	0.02	0.02
3/16/2017	9:20:00	20.6	55.1	0.02	0.02
3/16/2017	9:30:00	20.7	54.9	0.02	0.02
3/16/2017	9:40:00	21	54.6	0.02	0.02
3/16/2017	9:50:00	21.5	52.3	0.02	0.02
3/16/2017	10:00:00	21.5	51.7	0.02	0.02
3/16/2017	10:10:00	21.9	50	0.02	0.02
3/16/2017	10:20:00	22.4	48.9	0.02	0.02

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/16/2017	10:30:00	22.7	47.9	0.02	0.02
3/16/2017	10:40:00	22.8	47.3	0.02	0.02
3/16/2017	10:50:00	23.2	47.3	0.02	0.02
3/16/2017	11:00:00	23.8	46.3	0.02	0.02
3/16/2017	11:10:00	24	46.7	0.02	0.02
3/16/2017	11:20:00	24.6	47.1	0.02	0.02
3/16/2017	11:30:00	24.7	47.1	0.02	0.02
3/16/2017	11:40:00	24.3	48.9	0.02	0.02
3/16/2017	11:50:00	25	48.7	0.02	0.02
3/16/2017	12:00:00	25.8	45.6	0.02	0.02
3/16/2017	12:10:00	25.8	45.6	0.02	0.02
3/16/2017	12:20:00	26.1	43.5	0.02	0.02
3/16/2017	12:30:00	26	44.2	0.02	0.02
3/16/2017	12:40:00	27	42.9	0.02	0.02
3/16/2017	12:50:00	26.7	42	0.02	0.02
3/16/2017	13:00:00	27	42.8	0.02	0.02
3/16/2017	13:10:00	26.8	43.1	0.02	0.02
3/16/2017	13:20:00	27	42.5	0.02	0.02
3/16/2017	13:30:00	27.2	41.8	0.02	0.02
3/16/2017	13:40:00	27.1	42.7	0.02	0.02
3/16/2017	13:50:00	27.5	43.1	0.02	0.02
3/16/2017	14:00:00	27.3	43.7	0.02	0.02
3/16/2017	14:10:00	28.1	42.1	0.02	0.02
3/16/2017	14:20:00	28.7	42.4	0.02	0.02
3/16/2017	14:30:00	28.9	41.7	0.02	0.02
3/16/2017	14:40:00	29.1	41.9	0.02	0.02
3/16/2017	14:50:00	28.3	42.6	0.02	0.02
3/16/2017	15:00:00	29.3	42.1	0.02	0.02
3/16/2017	15:10:00	29.6	41	0.02	0.02
3/16/2017	15:20:00	29.7	39.8	0.02	0.02
3/16/2017	15:30:00	29.6	39.8	0.02	0.02
3/16/2017	15:40:00	29.4	39.9	0.02	0.02
3/16/2017	15:50:00	29.5	39.7	0.02	0.02
3/16/2017	16:00:00	30	38.8	0.02	0.02
3/16/2017	16:10:00	29.8	36.9	0.02	0.02
3/16/2017	16:20:00	29.9	37.2	0.02	0.02
3/16/2017	16:30:00	29.8	36.9	0.02	0.02
3/16/2017	16:40:00	29.8	37.3	0.02	0.02
3/16/2017	16:50:00	29.8	38	0.02	0.02
3/16/2017	17:00:00	29.9	37.7	0.02	0.02
3/16/2017	17:10:00	29.8	38.1	0.02	0.02
3/16/2017	17:20:00	29.9	37.8	0.02	0.02
3/16/2017	17:30:00	29.6	39.2	0.02	0.02
3/16/2017	17:40:00	29.6	37.8	0.02	0.02
3/16/2017	17:50:00	29.3	40.6	0.02	0.02
3/16/2017	18:00:00	29.2	40.3	0.02	0.02
3/16/2017	18:10:00	28.8	41	0.02	0.02
3/16/2017	18:20:00	28.5	41.4	0.03	0.03
3/16/2017	18:30:00	28.3	41.5	0.03	0.03
3/16/2017	18:40:00	28	42.2	0.03	0.03
3/16/2017	18:50:00	28.1	41.4	0.03	0.03
3/16/2017	19:00:00	27.6	43.1	0.03	0.03
3/16/2017	19:10:00	27.6	43.2	0.03	0.03
3/16/2017	19:20:00	27.1	44.1	0.03	0.03
3/16/2017	19:30:00	27.2	44.8	0.03	0.03
3/16/2017	19:40:00	27	45	0.03	0.03
3/16/2017	19:50:00	26.9	46.2	0.03	0.03
3/16/2017	20:00:00	26.4	47.7	0.03	0.03
3/16/2017	20:10:00	26	47.5	0.03	0.03
3/16/2017	20:20:00	25.6	49.7	0.03	0.03
3/16/2017	20:30:00	22.6	56.5	0.03	0.03
3/16/2017	20:40:00	23.6	57	0.03	0.03
3/16/2017	20:50:00	24.2	54	0.03	0.03
3/16/2017	21:00:00	22.2	63.5	0.03	0.03
3/16/2017	21:10:00	22.1	64.1	0.03	0.03
3/16/2017	21:20:00	24.5	60	0.03	0.03
3/16/2017	21:30:00	25.5	57.2	0.03	0.03
3/16/2017	21:40:00	27.1	52	0.03	0.03
3/16/2017	21:50:00	27.1	52.5	0.03	0.03
3/16/2017	22:00:00	27.1	52.7	0.03	0.03
3/16/2017	22:10:00	27.3	54	0.03	0.03
3/16/2017	22:20:00	27.6	54.1	0.03	0.03
3/16/2017	22:30:00	27.5	55.1	0.03	0.03
3/16/2017	22:40:00	27.4	56	0.03	0.03
3/16/2017	22:50:00	27.6	56.4	0.03	0.03
3/16/2017	23:00:00	27.7	56.7	0.03	0.03
3/16/2017	23:10:00	27.8	57.7	0.03	0.03
3/16/2017	23:20:00	27.6	59.3	0.03	0.03
3/16/2017	23:30:00	27.6	60.7	0.03	0.03
3/16/2017	23:40:00	27.4	61.8	0.03	0.03

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/16/2017	23:50:00	27.1	63.1	0.03	0.03
3/17/2017	0:00:00	27.2	63.3	0.03	0.03
3/17/2017	0:10:00	27.2	63.5	0.03	0
3/17/2017	0:20:00	27.2	64.2	0.03	0
3/17/2017	0:30:00	27.1	64.6	0.03	0
3/17/2017	0:40:00	27	63.7	0.03	0
3/17/2017	0:50:00	26.8	63.4	0.03	0
3/17/2017	1:00:00	26.8	61.6	0.03	0
3/17/2017	1:10:00	26.7	61.4	0	0
3/17/2017	1:20:00	26.6	60.2	0	0
3/17/2017	1:30:00	26.5	59.2	0	0
3/17/2017	1:40:00	26.3	58.1	0	0
3/17/2017	1:50:00	25.9	58.8	0	0
3/17/2017	2:00:00	26	58.3	0	0
3/17/2017	2:10:00	25.6	59.2	0	0
3/17/2017	2:20:00	25.5	59.4	0	0
3/17/2017	2:30:00	24.8	60.5	0	0
3/17/2017	2:40:00	24.6	61.5	0	0
3/17/2017	2:50:00	23.9	62.1	0	0
3/17/2017	3:00:00	23.9	62.7	0	0
3/17/2017	3:10:00	23.3	63.7	0	0
3/17/2017	3:20:00	22.1	66.1	0	0
3/17/2017	3:30:00	20.2	69.1	0	0
3/17/2017	3:40:00	19.1	73.3	0	0
3/17/2017	3:50:00	19.8	72	0	0
3/17/2017	4:00:00	17.7	75.3	0	0
3/17/2017	4:10:00	16.8	78.9	0	0
3/17/2017	4:20:00	17.3	81.5	0	0
3/17/2017	4:30:00	16.8	80.7	0	0
3/17/2017	4:40:00	16.6	81.9	0	0
3/17/2017	4:50:00	16.4	82.9	0	0
3/17/2017	5:00:00	16.1	82.3	0	0
3/17/2017	5:10:00	15.6	82.7	0	0
3/17/2017	5:20:00	15.8	84.5	0	0
3/17/2017	5:30:00	15.9	83.9	0	0
3/17/2017	5:40:00	15.6	85.2	0	0
3/17/2017	5:50:00	15.4	84.9	0	0
3/17/2017	6:00:00	14.2	85.6	0	0
3/17/2017	6:10:00	13.9	87.3	0	0
3/17/2017	6:20:00	14	88.4	0	0
3/17/2017	6:30:00	13.6	88.3	0	0
3/17/2017	6:40:00	13.3	88.1	0	0
3/17/2017	6:50:00	13.3	89.2	0	0
3/17/2017	7:00:00	12.6	89.9	0	0
3/17/2017	7:10:00	12.3	90.1	0	0
3/17/2017	7:20:00	12	91.9	0	0
3/17/2017	7:30:00	12.8	93.6	0	0
3/17/2017	7:40:00	12.3	92.1	0	0
3/17/2017	7:50:00	12.2	91.9	0	0
3/17/2017	8:00:00	13	90.4	0	0
3/17/2017	8:10:00	12.2	89.1	0	0
3/17/2017	8:20:00	13.6	89.3	0	0
3/17/2017	8:30:00	15	87.1	0	0
3/17/2017	8:40:00	15.9	80.3	0	0
3/17/2017	8:50:00	16.9	81.7	0	0
3/17/2017	9:00:00	17.2	82.4	0	0
3/17/2017	9:10:00	17.6	78.5	0	0
3/17/2017	9:20:00	19.3	74.1	0	0
3/17/2017	9:30:00	22.4	66.6	0	0
3/17/2017	9:40:00	25.6	56.9	0	0
3/17/2017	9:50:00	27	55	0	0
3/17/2017	10:00:00	27	56.5	0	0
3/17/2017	10:10:00	27.4	56.1	0	0
3/17/2017	10:20:00	27.9	55.4	0	0
3/17/2017	10:30:00	28.5	56.7		
3/17/2017	10:40:00	28.9	55.4		
3/17/2017	10:50:00	29.3	53.6	0	0
3/17/2017	11:00:00	29.7	52.2	0	0
3/17/2017	11:10:00	30.1	50	0	0
3/17/2017	11:20:00	30.6	49.6	0	0
3/17/2017	11:30:00	31	46.8	0	0
3/17/2017	11:40:00	31.4	45.8	0	0
3/17/2017	11:50:00	31.9	44.5	0	0
3/17/2017	12:00:00	32.4	43	0	0
3/17/2017	12:10:00	32.9	42.5	0	0
3/17/2017	12:20:00	33.2	41.3	0	0
3/17/2017	12:30:00	33.7	39.8	0	0
3/17/2017	12:40:00	34	37.3	0	0
3/17/2017	12:50:00	34.5	36.4	0	0
3/17/2017	13:00:00	35	33.3	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/17/2017	13:10:00	35.3	33.1	0	0
3/17/2017	13:20:00	35.4	32.6	0	0
3/17/2017	13:30:00	35.8	32	0	0
3/17/2017	13:40:00	35.9	31.2	0	0
3/17/2017	13:50:00	36.3	29.2	0	0
3/17/2017	14:00:00	36.6	29.3	0	0
3/17/2017	14:10:00	37	29	0	0
3/17/2017	14:20:00	37	29.9	0	0
3/17/2017	14:30:00	37.6	27.6	0	0
3/17/2017	14:40:00	37.7	27.2	0	0
3/17/2017	14:50:00	38	25.4	0	0
3/17/2017	15:00:00	38.1	26.9	0	0
3/17/2017	15:10:00	38.3	26.1	0	0
3/17/2017	15:20:00	38.6	26.4	0	0
3/17/2017	15:30:00	38.8	25.4	0	0
3/17/2017	15:40:00	38.9	25.7	0	0
3/17/2017	15:50:00	39.3	25.2	0	0
3/17/2017	16:00:00	39.2	26.3	0	0
3/17/2017	16:10:00	39	27.4	0	0
3/17/2017	16:20:00	39.4	26.8	0	0
3/17/2017	16:30:00	39.4	26.2	0	0
3/17/2017	16:40:00	39.4	26.3	0	0
3/17/2017	16:50:00	39.5	25.5	0	0
3/17/2017	17:00:00	39.4	24.3	0	0
3/17/2017	17:10:00	39.2	23	0	0
3/17/2017	17:20:00	39.1	22.4	0	0
3/17/2017	17:30:00	38.2	25.7	0	0
3/17/2017	17:40:00	38.5	24.3	0	0
3/17/2017	17:50:00	38.5	23.7	0	0
3/17/2017	18:00:00	37.8	24.2	0	0
3/17/2017	18:10:00	35.5	31.5	0	0
3/17/2017	18:20:00	34.6	35.3	0	0
3/17/2017	18:30:00	33.2	43	0	0
3/17/2017	18:40:00	33	43.6	0	0
3/17/2017	18:50:00	31.1	52.9	0	0
3/17/2017	19:00:00	29.8	59.4	0	0
3/17/2017	19:10:00	28.9	61.1	0	0
3/17/2017	19:20:00	28.2	60.8	0	0
3/17/2017	19:30:00	26.9	62.9	0	0
3/17/2017	19:40:00	26.4	62.1	0	0
3/17/2017	19:50:00	25.8	63.7	0	0
3/17/2017	20:00:00	25	65.2	0	0
3/17/2017	20:10:00	24.5	65.1	0	0
3/17/2017	20:20:00	24.5	65.4	0	0
3/17/2017	20:30:00	23.9	71.6	0	0
3/17/2017	20:40:00	23.5	70.8	0	0
3/17/2017	20:50:00	22.5	71.8	0	0
3/17/2017	21:00:00	22.4	73.6	0	0
3/17/2017	21:10:00	22.1	72.1	0	0
3/17/2017	21:20:00	20.8	71.4	0	0
3/17/2017	21:30:00	20.3	72.4	0	0
3/17/2017	21:40:00	21	74	0	0
3/17/2017	21:50:00	19.5	74.5	0	0
3/17/2017	22:00:00	19.5	75.4	0	0
3/17/2017	22:10:00	20	74.7	0	0
3/17/2017	22:20:00	19.2	75	0	0
3/17/2017	22:30:00	18.6	74	0	0
3/17/2017	22:40:00	18.8	75.8	0	0
3/17/2017	22:50:00	17.9	74.6	0	0
3/17/2017	23:00:00	18.6	76	0	0
3/17/2017	23:10:00	17.5	76.7	0	0
3/17/2017	23:20:00	16.9	77	0	0
3/17/2017	23:30:00	17.1	77.7	0	0
3/17/2017	23:40:00	16.4	77.8	0	0
3/17/2017	23:50:00	16.4	79.5	0	0
3/18/2017	0:00:00	16.6	79.3	0	0
3/18/2017	0:10:00	16	79.6	0	0
3/18/2017	0:20:00	15.2	79.6	0	0
3/18/2017	0:30:00	15.6	79.7	0	0
3/18/2017	0:40:00	14.2	79.8	0	0
3/18/2017	0:50:00	15.4	81.7	0	0
3/18/2017	1:00:00	13.6	78.9	0	0
3/18/2017	1:10:00	14.5	81.9	0	0
3/18/2017	1:20:00	13.7	83	0	0
3/18/2017	1:30:00	13.7	84.4	0	0
3/18/2017	1:40:00	13	82.4	0	0
3/18/2017	1:50:00	12.6	83	0	0
3/18/2017	2:00:00	12.1	83.5	0	0
3/18/2017	2:10:00	11.9	83.8	0	0
3/18/2017	2:20:00	12	82.8	0	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/18/2017	2:30:00	10.9	83.5	0	0
3/18/2017	2:40:00	10.9	85.4	0	0
3/18/2017	2:50:00	11.7	85.6	0	0
3/18/2017	3:00:00	10.7	86.4	0	0
3/18/2017	3:10:00	9.9	84.6	0	0
3/18/2017	3:20:00	10.1	88.1	0	0
3/18/2017	3:30:00	11.7	89.5	0	0
3/18/2017	3:40:00	11.3	87.9	0	0
3/18/2017	3:50:00	10.1	87.3	0	0
3/18/2017	4:00:00	10.5	87.3	0	0
3/18/2017	4:10:00	10.7	88.7	0	0
3/18/2017	4:20:00	10.3	86.5	0	0
3/18/2017	4:30:00	9	86.8	0	0
3/18/2017	4:40:00	10	88.1	0	0
3/18/2017	4:50:00	9.3	88.1	0	0
3/18/2017	5:00:00	9.5	88.5	0	0
3/18/2017	5:10:00	7.9	87.6	0	0
3/18/2017	5:20:00	8.7	88.9	0	0
3/18/2017	5:30:00	8.9	89.4	0	0
3/18/2017	5:40:00	7.4	86.9	0	0
3/18/2017	5:50:00	8.4	89.6	0	0
3/18/2017	6:00:00	9.8	90.5	0	0
3/18/2017	6:10:00	10.3	89.9	0	0
3/18/2017	6:20:00	9.6	87.7	0	0
3/18/2017	6:30:00	9.7	88.2	0	0
3/18/2017	6:40:00	10.7	87.9	0	0
3/18/2017	6:50:00	10.9	86.7	0	0
3/18/2017	7:00:00	10.9	84.7	0	0
3/18/2017	7:10:00	11.2	84.8	0	0
3/18/2017	7:20:00	11.9	85.8	0	0
3/18/2017	7:30:00	12.3	84.8	0	0
3/18/2017	7:40:00	12.8	82.9	0	0
3/18/2017	7:50:00	13.2	81.5	0	0
3/18/2017	8:00:00	13.8	80.8	0	0
3/18/2017	8:10:00	14	78.6	0	0
3/18/2017	8:20:00	14.1	78.4	0	0
3/18/2017	8:30:00	14.6	77.6	0	0
3/18/2017	8:40:00	15.4	77	0	0
3/18/2017	8:50:00	15.6	75.6	0	0
3/18/2017	9:00:00	16.2	73.1	0	0
3/18/2017	9:10:00	17.4	74.4	0	0
3/18/2017	9:20:00	17.6	72.8	0	0
3/18/2017	9:30:00	18.4	72.4	0	0
3/18/2017	9:40:00	20.1	67.4	0	0
3/18/2017	9:50:00	20.6	66.4	0	0
3/18/2017	10:00:00	22.6	64.2	0	0
3/18/2017	10:10:00	23.2	58.4	0	0
3/18/2017	10:20:00	23.7	60.1	0	0
3/18/2017	10:30:00	25	59.6	0	0
3/18/2017	10:40:00	26.2	60	0	0
3/18/2017	10:50:00	27.4	54.5	0	0
3/18/2017	11:00:00	30.9	50	0	0
3/18/2017	11:10:00	30.3	55.1	0	0
3/18/2017	11:20:00	33.2	42.2	0	0
3/18/2017	11:30:00	33.3	43.3	0	0
3/18/2017	11:40:00	33.3	42.8	0	0
3/18/2017	11:50:00	33.5	43.2	0	0
3/18/2017	12:00:00	33.7	42.6	0	0
3/18/2017	12:10:00	33	47.4	0	0
3/18/2017	12:20:00	33.1	47.6	0	0
3/18/2017	12:30:00	33.2	46.7	0	0
3/18/2017	12:40:00	33.3	46.7	0	0
3/18/2017	12:50:00	33.7	46.2	0	0
3/18/2017	13:00:00	33.3	47.3	0	0
3/18/2017	13:10:00	33	49.9	0	0
3/18/2017	13:20:00	32.8	51.7	0	0
3/18/2017	13:30:00	32.8	52.5	0	0
3/18/2017	13:40:00	32.8	53.1	0	0
3/18/2017	13:50:00	32.8	52.6	0	0
3/18/2017	14:00:00	33	51.8	0	0
3/18/2017	14:10:00	33	52.8	0	0
3/18/2017	14:20:00	32.8	55.3	0	0
3/18/2017	14:30:00	32.1	61.1	0	0
3/18/2017	14:40:00	32	63.2	0.01	0.01
3/18/2017	14:50:00	31.6	67.2	0.01	0.01
3/18/2017	15:00:00	30.7	76.9	0.01	0.01
3/18/2017	15:10:00	30.2	84.3	0.02	0.02
3/18/2017	15:20:00	30	84.5	0.02	0.02
3/18/2017	15:30:00	30.2	84.9	0.03	0.03
3/18/2017	15:40:00	29.9	86.6	0.04	0.04

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation EST [in]	Precipitation EDT [in]
3/18/2017	15:50:00	29.7	88.9	0.04	0.04
3/18/2017	16:00:00	29.6	90.6	0.05	0.05
3/18/2017	16:10:00	29.8	90.9	0.06	0.06
3/18/2017	16:20:00	30.2	87.8	0.06	0.06
3/18/2017	16:30:00	30.4	83.7	0.06	0.06
3/18/2017	16:40:00	30.7	81.7	0.06	0.06
3/18/2017	16:50:00	30.7	81.4	0.06	0.06
3/18/2017	17:00:00	30.8	80.3	0.06	0.06
3/18/2017	17:10:00	30.6	81.4	0.06	0.06
3/18/2017	17:20:00	30.7	80.9	0.07	0.07
3/18/2017	17:30:00	30.5	81.6	0.07	0.07
3/18/2017	17:40:00	30.3	83.1	0.08	0.08
3/18/2017	17:50:00	30.2	84.2	0.08	0.08
3/18/2017	18:00:00	29.9	86.6	0.08	0.08
3/18/2017	18:10:00	29.7	88.3	0.09	0.09
3/18/2017	18:20:00	29.7	87.5	0.09	0.09
3/18/2017	18:30:00	29.8	86.8	0.09	0.09
3/18/2017	18:40:00	29.7	86.1	0.09	0.09
3/18/2017	18:50:00	29.9	84.3	0.09	0.09
3/18/2017	19:00:00	29.5	87.7	0.09	0.09
3/18/2017	19:10:00	29.4	87.6	0.09	0.09
3/18/2017	19:20:00	29.2	89	0.09	0.09
3/18/2017	19:30:00	29.1	89.1	0.09	0.09
3/18/2017	19:40:00	29.7	82.8	0.09	0.09
3/18/2017	19:50:00	29.3	85.9	0.09	0.09
3/18/2017	20:00:00	29	88.4	0.09	0.09
3/18/2017	20:10:00	28.7	90.4	0.09	0.09
3/18/2017	20:20:00	28.5	90.4	0.09	0.09
3/18/2017	20:30:00	28.8	91.1	0.09	0.09
3/18/2017	20:40:00	28.7	91.3	0.09	0.09
3/18/2017	20:50:00	28.6	91.5	0.09	0.09
3/18/2017	21:00:00	28.6	92	0.09	0.09
3/18/2017	21:10:00	28.5	91.9	0.09	0.09
3/18/2017	21:20:00	28.9	90.3	0.09	0.09
3/18/2017	21:30:00	29.1	88.4	0.09	0.09
3/18/2017	21:40:00	28.7	90	0.09	0.09
3/18/2017	21:50:00	28.9	89.4	0.09	0.09
3/18/2017	22:00:00	28.6	91.2	0.09	0.09
3/18/2017	22:10:00	28.9	89	0.09	0.09
3/18/2017	22:20:00	28.7	89.5	0.09	0.09
3/18/2017	22:30:00	28.6	89.8	0.09	0.09
3/18/2017	22:40:00	28.7	90.1	0.09	0.09
3/18/2017	22:50:00	28.8	88.8	0.09	0.09
3/18/2017	23:00:00	28.5	90.1	0.09	0.09
3/18/2017	23:10:00	28.5	90.7	0.09	0.09
3/18/2017	23:20:00	28.3	92.1	0.09	0.09
3/18/2017	23:30:00	28.1	92.5	0.09	0.09
3/18/2017	23:40:00	28.2	93.3	0.09	0.09
3/18/2017	23:50:00	28.1	92.6	0.09	0.09

Table C-2: SUNY Mesonet Meteorological Data- Summer (Deposit, NY)

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/9/2017	0:00:00	52.7	97.6	0
8/9/2017	0:10:00	52.5	97.6	0
8/9/2017	0:20:00	52.2	97.7	0
8/9/2017	0:30:00	52.4	97.9	0
8/9/2017	0:40:00	52.2	97.8	0
8/9/2017	0:50:00	52	97.9	0
8/9/2017	1:00:00	52	97.9	0
8/9/2017	1:10:00	51.4	97.8	0
8/9/2017	1:20:00	51.6	98.1	0
8/9/2017	1:30:00	51.9	98.1	0
8/9/2017	1:40:00	52.3	98.3	0
8/9/2017	1:50:00	52.1	98.2	0
8/9/2017	2:00:00	52.2	98.2	0
8/9/2017	2:10:00	52.4	98.3	0
8/9/2017	2:20:00	52.6	98.3	0
8/9/2017	2:30:00	52.9	98.4	0
8/9/2017	2:40:00	52.9	98.4	0
8/9/2017	2:50:00	53	98.4	0
8/9/2017	3:00:00	53	98.5	0
8/9/2017	3:10:00	53.2	98.5	0
8/9/2017	3:20:00	53.2	98.5	0
8/9/2017	3:30:00	53.4	98.6	0
8/9/2017	3:40:00	53.3	98.6	0
8/9/2017	3:50:00	53.1	98.6	0
8/9/2017	4:00:00	53.2	98.7	0
8/9/2017	4:10:00	53.2	98.7	0
8/9/2017	4:20:00	53.1	98.7	0
8/9/2017	4:30:00	53.1	98.8	0
8/9/2017	4:40:00	53.2	98.8	0
8/9/2017	4:50:00	53.1	98.8	0
8/9/2017	5:00:00	53.1	98.8	0
8/9/2017	5:10:00	53	98.8	0
8/9/2017	5:20:00	52.8	98.8	0
8/9/2017	5:30:00	52.7	98.8	0
8/9/2017	5:40:00	52.7	98.8	0
8/9/2017	5:50:00	52.8	98.8	0
8/9/2017	6:00:00	52.5	98.8	0
8/9/2017	6:10:00	52.4	98.9	0
8/9/2017	6:20:00	52.6	98.9	0
8/9/2017	6:30:00	52.4	98.9	0
8/9/2017	6:40:00	52.3	98.9	0
8/9/2017	6:50:00	52.5	98.9	0
8/9/2017	7:00:00	52.3	98.9	0
8/9/2017	7:10:00	52.3	98.9	0
8/9/2017	7:20:00	52.4	98.9	0
8/9/2017	7:30:00	52.3	98.9	0
8/9/2017	7:40:00	52.8	98.9	0
8/9/2017	7:50:00	52.9	98.9	0
8/9/2017	8:00:00	53.2	98.9	0
8/9/2017	8:10:00	53.1	98.8	0
8/9/2017	8:20:00	53.6	98.8	0
8/9/2017	8:30:00	53.4	98.7	0
8/9/2017	8:40:00	54.1	98.8	0
8/9/2017	8:50:00	54.2	98.7	0
8/9/2017	9:00:00	54.7	98.7	0
8/9/2017	9:10:00	55.6	98.6	0
8/9/2017	9:20:00	55.9	98.5	0
8/9/2017	9:30:00	56.6	98.3	0
8/9/2017	9:40:00	57.5	98.1	0
8/9/2017	9:50:00	58.4	98	0
8/9/2017	10:00:00	59.3	96.9	0
8/9/2017	10:10:00	60.3	92.8	0
8/9/2017	10:20:00	62.2	87.9	0
8/9/2017	10:30:00	62.3	79.8	0
8/9/2017	10:40:00	64.5	75.3	0
8/9/2017	10:50:00	69.3	72.9	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/9/2017	11:00:00	70.9	71.7	0
8/9/2017	11:10:00	71.1	67.5	0
8/9/2017	11:20:00	72.5	66.3	0
8/9/2017	11:30:00	72.5	64.2	0
8/9/2017	11:40:00	73	59.9	0
8/9/2017	11:50:00	73.4	61.9	0
8/9/2017	12:00:00	74.1	62.8	0
8/9/2017	12:10:00	74.5	57.7	0
8/9/2017	12:20:00	75.1	58.6	0
8/9/2017	12:30:00	75.6	58	0
8/9/2017	12:40:00	74.7	53.9	0
8/9/2017	12:50:00	75.6	56.7	0
8/9/2017	13:00:00	76.5	55.3	0
8/9/2017	13:10:00	76.3	54.1	0
8/9/2017	13:20:00	76.5	54.6	0
8/9/2017	13:30:00	76.7	50	0
8/9/2017	13:40:00	77.1	50.6	0
8/9/2017	13:50:00	76.2	52.2	0
8/9/2017	14:00:00	77.4	50.7	0
8/9/2017	14:10:00	78.1	51.5	0
8/9/2017	14:20:00	77.3	51.7	0
8/9/2017	14:30:00	77.5	50.9	0
8/9/2017	14:40:00	76.2	53.9	0
8/9/2017	14:50:00	77.6	57.8	0
8/9/2017	15:00:00	77.4	51.3	0
8/9/2017	15:10:00	78.4	47.9	0
8/9/2017	15:20:00	78.3	47.9	0
8/9/2017	15:30:00	78.3	50.8	0
8/9/2017	15:40:00	78.6	47.9	0
8/9/2017	15:50:00	78.6	47.1	0
8/9/2017	16:00:00	78.1	46.4	0
8/9/2017	16:10:00	78.1	46.4	0
8/9/2017	16:20:00	78	46	0
8/9/2017	16:30:00	77.4	49.5	0
8/9/2017	16:40:00	78.4	47.4	0
8/9/2017	16:50:00	78.6	48.6	0
8/9/2017	17:00:00	78.4	49.9	0
8/9/2017	17:10:00	78.3	50.2	0
8/9/2017	17:20:00	77.7	53.9	0
8/9/2017	17:30:00	77.8	52.3	0
8/9/2017	17:40:00	76.4	54.7	0
8/9/2017	17:50:00	77.1	52.2	0
8/9/2017	18:00:00	77.2	51.7	0
8/9/2017	18:10:00	74.8	63.6	0
8/9/2017	18:20:00	74.9	62.3	0
8/9/2017	18:30:00	72.4	71.3	0
8/9/2017	18:40:00	71.5	75.6	0
8/9/2017	18:50:00	70.6	77.1	0
8/9/2017	19:00:00	70.2	78.7	0
8/9/2017	19:10:00	68.9	81.1	0
8/9/2017	19:20:00	68.3	83	0
8/9/2017	19:30:00	67.6	84.5	0
8/9/2017	19:40:00	67.1	86.8	0
8/9/2017	19:50:00	65.9	88	0
8/9/2017	20:00:00	65.6	87.6	0
8/9/2017	20:10:00	65.1	88.6	0
8/9/2017	20:20:00	64.7	89	0
8/9/2017	20:30:00	63.7	90.1	0
8/9/2017	20:40:00	63.6	90.6	0
8/9/2017	20:50:00	63	91.3	0
8/9/2017	21:00:00	62.7	92.6	0
8/9/2017	21:10:00	62	92.8	0
8/9/2017	21:20:00	61.6	93.8	0
8/9/2017	21:30:00	62	94.7	0
8/9/2017	21:40:00	60.5	94.9	0
8/9/2017	21:50:00	60.5	95.9	0
8/9/2017	22:00:00	60.2	96	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/9/2017	22:10:00	60.1	96.3	0
8/9/2017	22:20:00	59.7	96.4	0
8/9/2017	22:30:00	59.5	96.8	0
8/9/2017	22:40:00	59.3	96.9	0
8/9/2017	22:50:00	59	96.9	0
8/9/2017	23:00:00	58.9	97.2	0
8/9/2017	23:10:00	58.6	97.2	0
8/9/2017	23:20:00	58.1	97.3	0
8/9/2017	23:30:00	58.2	97.5	0
8/9/2017	23:40:00	58.4	97.6	0
8/9/2017	23:50:00	57.7	97.5	0
8/10/2017	0:00:00	57.3	97.5	0
8/10/2017	0:10:00	56.7	97.6	0
8/10/2017	0:20:00	57.1	97.8	0
8/10/2017	0:30:00	56.8	97.9	0
8/10/2017	0:40:00	56.5	97.9	0
8/10/2017	0:50:00	56.3	97.9	0
8/10/2017	1:00:00	56	97.9	0
8/10/2017	1:10:00	56	97.9	0
8/10/2017	1:20:00	55.9	98	0
8/10/2017	1:30:00	55.8	98	0
8/10/2017	1:40:00	55.6	98	0
8/10/2017	1:50:00	55.8	98.1	0
8/10/2017	2:00:00	56.3	98.2	0
8/10/2017	2:10:00	56.1	98.1	0
8/10/2017	2:20:00	56.4	98.2	0
8/10/2017	2:30:00	56.5	98.2	0
8/10/2017	2:40:00	56.6	98.3	0
8/10/2017	2:50:00	56.8	98.3	0
8/10/2017	3:00:00	57	98.3	0
8/10/2017	3:10:00	57.2	98.4	0
8/10/2017	3:20:00	57.3	98.4	0
8/10/2017	3:30:00	57.5	98.4	0
8/10/2017	3:40:00	57.8	98.5	0
8/10/2017	3:50:00	57.8	98.5	0
8/10/2017	4:00:00	57.5	98.5	0
8/10/2017	4:10:00	57.5	98.6	0
8/10/2017	4:20:00	57.6	98.6	0
8/10/2017	4:30:00	57.6	98.7	0
8/10/2017	4:40:00	57.4	98.7	0
8/10/2017	4:50:00	57.4	98.7	0
8/10/2017	5:00:00	57.6	98.8	0
8/10/2017	5:10:00	57.6	98.8	0
8/10/2017	5:20:00	57.5	98.8	0
8/10/2017	5:30:00	57.5	98.8	0
8/10/2017	5:40:00	57.5	98.8	0
8/10/2017	5:50:00	57.5	98.8	0
8/10/2017	6:00:00	57.6	98.8	0
8/10/2017	6:10:00	57.6	98.8	0
8/10/2017	6:20:00	57.1	98.8	0
8/10/2017	6:30:00	57	98.9	0
8/10/2017	6:40:00	57.1	98.9	0
8/10/2017	6:50:00	57.1	98.9	0
8/10/2017	7:00:00	57.1	98.9	0
8/10/2017	7:10:00	57	98.8	0
8/10/2017	7:20:00	57	98.9	0
8/10/2017	7:30:00	57	98.8	0
8/10/2017	7:40:00	57.2	98.8	0
8/10/2017	7:50:00	57.2	98.8	0
8/10/2017	8:00:00	57.4	98.8	0
8/10/2017	8:10:00	57.5	98.8	0
8/10/2017	8:20:00	57.7	98.8	0
8/10/2017	8:30:00	58	98.8	0
8/10/2017	8:40:00	58.1	98.7	0
8/10/2017	8:50:00	58.7	98.8	0
8/10/2017	9:00:00	58.9	98.7	0
8/10/2017	9:10:00	59.6	98.7	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/10/2017	9:20:00	59.2	98.6	0
8/10/2017	9:30:00	59.5	98.5	0
8/10/2017	9:40:00	59.9	98.5	0
8/10/2017	9:50:00	60.2	98.3	0
8/10/2017	10:00:00	61	98.3	0
8/10/2017	10:10:00	62.1	97.9	0
8/10/2017	10:20:00	62.4	97.1	0
8/10/2017	10:30:00	63.9	94.5	0
8/10/2017	10:40:00	65.6	89.7	0
8/10/2017	10:50:00	68.8	85.4	0
8/10/2017	11:00:00	70.7	82.7	0
8/10/2017	11:10:00	72	80.5	0
8/10/2017	11:20:00	73.9	74.1	0
8/10/2017	11:30:00	74.7	66	0
8/10/2017	11:40:00	75.1	65.2	0
8/10/2017	11:50:00	76.1	56.9	0
8/10/2017	12:00:00	77.4	57.4	0
8/10/2017	12:10:00	76.7	57.9	0
8/10/2017	12:20:00	77.2	55.9	0
8/10/2017	12:30:00	76.4	56	0
8/10/2017	12:40:00	75.7	61.1	0
8/10/2017	12:50:00	75.3	66.4	0
8/10/2017	13:00:00	76.9	60	0
8/10/2017	13:10:00	75.3	63.5	0
8/10/2017	13:20:00	73.9	73.5	0
8/10/2017	13:30:00	76.5	61.4	0
8/10/2017	13:40:00	75.2	65.9	0
8/10/2017	13:50:00	77.7	48.3	0
8/10/2017	14:00:00	75.8	67.5	0
8/10/2017	14:10:00	80.2	52.6	0
8/10/2017	14:20:00	79.2	46.6	0
8/10/2017	14:30:00	80	42.7	0
8/10/2017	14:40:00	79.1	49	0
8/10/2017	14:50:00	79.3	43.8	0
8/10/2017	15:00:00	79.5	41	0
8/10/2017	15:10:00	80.1	40.5	0
8/10/2017	15:20:00	80	43.6	0
8/10/2017	15:30:00	80.5	41	0
8/10/2017	15:40:00	78	43	0
8/10/2017	15:50:00	75.6	54.2	0
8/10/2017	16:00:00	76.9	52.7	0
8/10/2017	16:10:00	75.2	56.8	0
8/10/2017	16:20:00	76.8	55	0
8/10/2017	16:30:00	78.1	50.7	0
8/10/2017	16:40:00	77.9	49.6	0
8/10/2017	16:50:00	78.5	51.8	0
8/10/2017	17:00:00	78.6	51.2	0
8/10/2017	17:10:00	77.5	48.7	0
8/10/2017	17:20:00	77	54.3	0
8/10/2017	17:30:00	75.9	58.6	0
8/10/2017	17:40:00	72.5	72.3	0
8/10/2017	17:50:00	72.1	76.6	0
8/10/2017	18:00:00	71.5	81.1	0
8/10/2017	18:10:00	71.1	82.8	0
8/10/2017	18:20:00	71.1	84.8	0
8/10/2017	18:30:00	70.9	84.2	0
8/10/2017	18:40:00	70.9	85.2	0
8/10/2017	18:50:00	71	86.1	0
8/10/2017	19:00:00	71.1	83.4	0
8/10/2017	19:10:00	70.8	82.6	0
8/10/2017	19:20:00	69.7	85.1	0
8/10/2017	19:30:00	69.2	86.6	0
8/10/2017	19:40:00	68.3	88.4	0
8/10/2017	19:50:00	67.6	88.5	0
8/10/2017	20:00:00	66.8	88.6	0
8/10/2017	20:10:00	65.9	88	0
8/10/2017	20:20:00	65.6	88.7	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/10/2017	20:30:00	64.8	89.2	0
8/10/2017	20:40:00	63.7	91.2	0
8/10/2017	20:50:00	63.5	91.8	0
8/10/2017	21:00:00	62.9	91.5	0
8/10/2017	21:10:00	62.3	92.9	0
8/10/2017	21:20:00	62.2	93.9	0
8/10/2017	21:30:00	61.4	93.4	0
8/10/2017	21:40:00	61.6	94.5	0
8/10/2017	21:50:00	61.2	94.5	0
8/10/2017	22:00:00	61.1	95.1	0
8/10/2017	22:10:00	60.7	95.1	0
8/10/2017	22:20:00	60.3	95.7	0
8/10/2017	22:30:00	60.1	96.1	0
8/10/2017	22:40:00	59.9	96.6	0
8/10/2017	22:50:00	59.8	96.7	0
8/10/2017	23:00:00	60.3	97	0
8/10/2017	23:10:00	59.9	96.7	0
8/10/2017	23:20:00	59.5	96.8	0
8/10/2017	23:30:00	59.2	96.9	0
8/10/2017	23:40:00	59.3	97.1	0
8/10/2017	23:50:00	59.2	97.3	0
8/11/2017	0:00:00	59.4	97.3	0
8/11/2017	0:10:00	59.4	97.3	0
8/11/2017	0:20:00	59.4	97	0
8/11/2017	0:30:00	59.3	97	0
8/11/2017	0:40:00	59.3	96.9	0
8/11/2017	0:50:00	59.2	96.9	0
8/11/2017	1:00:00	58.6	96.6	0
8/11/2017	1:10:00	58.2	96.6	0
8/11/2017	1:20:00	58.2	97.1	0
8/11/2017	1:30:00	58.1	97.2	0
8/11/2017	1:40:00	58.7	97.5	0
8/11/2017	1:50:00	58.5	97.5	0
8/11/2017	2:00:00	58.7	97.6	0
8/11/2017	2:10:00	58.5	97.5	0
8/11/2017	2:20:00	58.3	97.5	0
8/11/2017	2:30:00	58.8	97.6	0
8/11/2017	2:40:00	58.2	97.3	0
8/11/2017	2:50:00	58.2	97.4	0
8/11/2017	3:00:00	58	97.6	0
8/11/2017	3:10:00	57.6	97.4	0
8/11/2017	3:20:00	57.6	97.5	0
8/11/2017	3:30:00	56.8	97.4	0
8/11/2017	3:40:00	57.4	97.9	0
8/11/2017	3:50:00	56.8	97.7	0
8/11/2017	4:00:00	57.1	97.9	0
8/11/2017	4:10:00	56.5	97.8	0
8/11/2017	4:20:00	57	98	0
8/11/2017	4:30:00	57.3	98.1	0
8/11/2017	4:40:00	57.2	98	0
8/11/2017	4:50:00	57.1	98	0
8/11/2017	5:00:00	57.2	98.1	0
8/11/2017	5:10:00	57.2	98	0
8/11/2017	5:20:00	57.3	98.1	0
8/11/2017	5:30:00	56.8	98	0
8/11/2017	5:40:00	57.3	98.1	0
8/11/2017	5:50:00	57.1	98.1	0
8/11/2017	6:00:00	57.5	98.2	0
8/11/2017	6:10:00	57.3	98.2	0
8/11/2017	6:20:00	58.1	98.4	0
8/11/2017	6:30:00	58	98.3	0
8/11/2017	6:40:00	58.2	98.4	0
8/11/2017	6:50:00	58.4	98.4	0
8/11/2017	7:00:00	58.5	98.4	0
8/11/2017	7:10:00	58.6	98.4	0
8/11/2017	7:20:00	58.7	98.4	0
8/11/2017	7:30:00	58.8	98.4	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/11/2017	7:40:00	58.9	98.4	0
8/11/2017	7:50:00	59.2	98.4	0
8/11/2017	8:00:00	59.2	98.4	0
8/11/2017	8:10:00	59.4	98.3	0
8/11/2017	8:20:00	59.8	98.3	0
8/11/2017	8:30:00	59.9	98.1	0
8/11/2017	8:40:00	60	97.8	0
8/11/2017	8:50:00	60.3	97.4	0
8/11/2017	9:00:00	60.8	97.2	0
8/11/2017	9:10:00	60.9	96.4	0
8/11/2017	9:20:00	61.3	95.8	0
8/11/2017	9:30:00	61.3	94.6	0
8/11/2017	9:40:00	61.5	94.3	0
8/11/2017	9:50:00	61.9	93.9	0
8/11/2017	10:00:00	62	93.8	0
8/11/2017	10:10:00			
8/11/2017	10:20:00			
8/11/2017	10:30:00			
8/11/2017	10:40:00			
8/11/2017	10:50:00			
8/11/2017	11:00:00	68.4	79.4	0
8/11/2017	11:10:00	68.7	77.9	0
8/11/2017	11:20:00	69.2	78.2	0
8/11/2017	11:30:00	69.5	76.1	0
8/11/2017	11:40:00	70.3	75.8	0
8/11/2017	11:50:00	71.1	74.5	0
8/11/2017	12:00:00	72.2	72.2	0
8/11/2017	12:10:00	72.4	73.3	0
8/11/2017	12:20:00	73	71.5	0
8/11/2017	12:30:00	72.6	70.4	0
8/11/2017	12:40:00	72.8	70.3	0
8/11/2017	12:50:00	73.1	71.2	0
8/11/2017	13:00:00	73.9	71.2	0
8/11/2017	13:10:00	73.9	69.5	0
8/11/2017	13:20:00	73.9	69.5	0
8/11/2017	13:30:00	73.3	70.7	0
8/11/2017	13:40:00	72.4	72.2	0
8/11/2017	13:50:00	73.3	72.1	0
8/11/2017	14:00:00	73.3	71.1	0
8/11/2017	14:10:00	72.9	72.7	0
8/11/2017	14:20:00	73.4	71.2	0
8/11/2017	14:30:00	73.3	73.3	0
8/11/2017	14:40:00	73.3	71.9	0
8/11/2017	14:50:00	72.4	74	0
8/11/2017	15:00:00	73.2	74.7	0
8/11/2017	15:10:00	73.6	72.1	0
8/11/2017	15:20:00	74	71.3	0
8/11/2017	15:30:00	74.7	71.2	0
8/11/2017	15:40:00	74.4	71	0
8/11/2017	15:50:00	74.8	70.1	0
8/11/2017	16:00:00	75	68.7	0
8/11/2017	16:10:00	75.3	69.2	0
8/11/2017	16:20:00	76	67.9	0
8/11/2017	16:30:00	76.1	64	0
8/11/2017	16:40:00	75.5	67.5	0
8/11/2017	16:50:00	74.6	71.2	0
8/11/2017	17:00:00	74.1	73.9	0
8/11/2017	17:10:00	75	70.3	0
8/11/2017	17:20:00	73.3	78.3	0
8/11/2017	17:30:00	73.5	77.9	0
8/11/2017	17:40:00	73.9	74.4	0
8/11/2017	17:50:00	73.7	74.5	0
8/11/2017	18:00:00	72.7	77.4	0
8/11/2017	18:10:00	72.8	77.3	0
8/11/2017	18:20:00	71.5	81.5	0
8/11/2017	18:30:00	70.9	83.6	0
8/11/2017	18:40:00	71.2	82.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/11/2017	18:50:00	70.6	82.3	0
8/11/2017	19:00:00	70.7	81.4	0
8/11/2017	19:10:00	69.3	85.7	0.01
8/11/2017	19:20:00	68.1	91	0.04
8/11/2017	19:30:00	67.8	92.6	0.08
8/11/2017	19:40:00	67.4	92.8	0.11
8/11/2017	19:50:00	67.3	92.9	0.14
8/11/2017	20:00:00	66.6	94.8	0.15
8/11/2017	20:10:00	66.3	96	0.16
8/11/2017	20:20:00	66.2	96.6	0.16
8/11/2017	20:30:00	65.9	96.6	0.16
8/11/2017	20:40:00	65.7	97	0.16
8/11/2017	20:50:00	65.8	97.4	0.17
8/11/2017	21:00:00	66.2	97.3	0.18
8/11/2017	21:10:00	66.2	96.1	0.18
8/11/2017	21:20:00	66.3	95.3	0.18
8/11/2017	21:30:00	66	94.9	0.18
8/11/2017	21:40:00	65.3	95.7	0.18
8/11/2017	21:50:00	65.3	96.3	0.18
8/11/2017	22:00:00	65.4	96.3	0.18
8/11/2017	22:10:00	65.8	96.4	0.18
8/11/2017	22:20:00	65.3	96.3	0.18
8/11/2017	22:30:00	65.2	96.7	0.18
8/11/2017	22:40:00	65.3	96.9	0.18
8/11/2017	22:50:00	65.2	96.7	0.18
8/11/2017	23:00:00	65.1	96.8	0.18
8/11/2017	23:10:00	65.4	97.1	0.18
8/11/2017	23:20:00	65.1	97	0.18
8/11/2017	23:30:00	65.5	97.1	0.18
8/11/2017	23:40:00	65.1	97.3	0.18
8/11/2017	23:50:00	65	97.4	0.18
8/12/2017	0:00:00	65.5	97.5	0.18
8/12/2017	0:10:00	65.4	97.3	0
8/12/2017	0:20:00	66.2	95.3	0
8/12/2017	0:30:00	65.3	96	0
8/12/2017	0:40:00	65.9	96.3	0
8/12/2017	0:50:00	65.8	96.2	0
8/12/2017	1:00:00	65.7	96	0
8/12/2017	1:10:00	65.9	96.1	0
8/12/2017	1:20:00	66.3	94.4	0
8/12/2017	1:30:00	65.8	95.1	0
8/12/2017	1:40:00	65.9	95.1	0
8/12/2017	1:50:00	65.9	95	0
8/12/2017	2:00:00	65.3	96	0
8/12/2017	2:10:00	65.4	96.6	0
8/12/2017	2:20:00	65.7	96.6	0
8/12/2017	2:30:00	65.9	96.5	0
8/12/2017	2:40:00	65.7	95.7	0
8/12/2017	2:50:00	65.3	96.5	0
8/12/2017	3:00:00	65.3	97.1	0
8/12/2017	3:10:00	65.1	97.3	0
8/12/2017	3:20:00	65.1	97.5	0
8/12/2017	3:30:00	65.2	97.8	0
8/12/2017	3:40:00	65	97.8	0
8/12/2017	3:50:00	65	97.9	0
8/12/2017	4:00:00	64.8	97.9	0
8/12/2017	4:10:00	64.6	98	0
8/12/2017	4:20:00	64.4	98	0
8/12/2017	4:30:00	64.5	98.1	0
8/12/2017	4:40:00	64.6	98.1	0
8/12/2017	4:50:00	64.7	98.1	0
8/12/2017	5:00:00	64.6	98.1	0
8/12/2017	5:10:00	64.4	98.1	0
8/12/2017	5:20:00	64.3	98.2	0
8/12/2017	5:30:00	64.3	98.2	0
8/12/2017	5:40:00	64.2	98.2	0
8/12/2017	5:50:00	63.5	98.2	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/12/2017	6:00:00	63.1	98.1	0
8/12/2017	6:10:00	63.2	98.3	0
8/12/2017	6:20:00	63.1	98.3	0
8/12/2017	6:30:00	63	98.3	0
8/12/2017	6:40:00	62.4	98.3	0
8/12/2017	6:50:00	63.2	98.4	0
8/12/2017	7:00:00	63.9	98.5	0
8/12/2017	7:10:00	64.1	98.4	0
8/12/2017	7:20:00	64.4	98.3	0
8/12/2017	7:30:00	64.9	98.3	0
8/12/2017	7:40:00	65.1	98.2	0
8/12/2017	7:50:00	65.6	97.9	0
8/12/2017	8:00:00	65.5	97.5	0
8/12/2017	8:10:00	66	97	0
8/12/2017	8:20:00	67.2	94.9	0
8/12/2017	8:30:00	68.4	92.4	0
8/12/2017	8:40:00	68.8	90	0
8/12/2017	8:50:00	69	88.7	0
8/12/2017	9:00:00	70.1	84.9	0
8/12/2017	9:10:00	70.2	82.2	0
8/12/2017	9:20:00	69.9	84	0
8/12/2017	9:30:00	71.6	79.5	0
8/12/2017	9:40:00	71.3	79	0
8/12/2017	9:50:00	71.3	78.9	0
8/12/2017	10:00:00	73.5	79.1	0
8/12/2017	10:10:00	73.7	76.1	0
8/12/2017	10:20:00	74	75.8	0
8/12/2017	10:30:00	73.6	74.3	0
8/12/2017	10:40:00	74.3	74	0
8/12/2017	10:50:00	74.6	71.7	0
8/12/2017	11:00:00	74.7	70.6	0
8/12/2017	11:10:00	75.7	68.4	0
8/12/2017	11:20:00	75.8	65.9	0
8/12/2017	11:30:00	77.3	64.8	0
8/12/2017	11:40:00	77.3	64.2	0
8/12/2017	11:50:00	77.2	63.1	0
8/12/2017	12:00:00	77.9	64.7	0
8/12/2017	12:10:00	77.3	64.2	0
8/12/2017	12:20:00	77.1	65	0
8/12/2017	12:30:00	76.7	65.1	0
8/12/2017	12:40:00	78	61.7	0
8/12/2017	12:50:00	77.6	63.7	0
8/12/2017	13:00:00	77.7	63.2	0
8/12/2017	13:10:00	78.4	63.8	0
8/12/2017	13:20:00	78.5	61.2	0
8/12/2017	13:30:00	78.2	61.4	0
8/12/2017	13:40:00	77.6	60.9	0
8/12/2017	13:50:00	77	66	0
8/12/2017	14:00:00	76.9	68.1	0.01
8/12/2017	14:10:00	76.5	75.6	0.01
8/12/2017	14:20:00	78.4	66.9	0.01
8/12/2017	14:30:00	79	62.4	0.01
8/12/2017	14:40:00	79.8	60.2	0.01
8/12/2017	14:50:00	80.6	59.4	0.01
8/12/2017	15:00:00	79.6	58.5	0.01
8/12/2017	15:10:00	79.8	59.2	0.01
8/12/2017	15:20:00	79.8	57.6	0.01
8/12/2017	15:30:00	80.5	57.5	0.01
8/12/2017	15:40:00	80.2	59.5	0.01
8/12/2017	15:50:00	80.9	58.5	0.01
8/12/2017	16:00:00	80.8	60.1	0.01
8/12/2017	16:10:00	79.4	58.4	0.01
8/12/2017	16:20:00	80.4	58.2	0.01
8/12/2017	16:30:00	78.8	60.2	0.01
8/12/2017	16:40:00	77.8	64	0.01
8/12/2017	16:50:00	78	61.5	0.01
8/12/2017	17:00:00	77.1	65.5	0.01

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/12/2017	17:10:00	77.9	64.3	0.01
8/12/2017	17:20:00	79.3	61.3	0.01
8/12/2017	17:30:00	78.6	61.9	0.01
8/12/2017	17:40:00	78.6	61.8	0.01
8/12/2017	17:50:00	77.5	63.9	0.01
8/12/2017	18:00:00	77	67.3	0.01
8/12/2017	18:10:00	77.3	64.9	0.01
8/12/2017	18:20:00	76.7	66.8	0.01
8/12/2017	18:30:00	77.1	64.6	0.01
8/12/2017	18:40:00	76.3	65.3	0.01
8/12/2017	18:50:00	75.9	66.6	0.01
8/12/2017	19:00:00	75.5	68.2	0.01
8/12/2017	19:10:00	72.6	78.5	0.01
8/12/2017	19:20:00	73	76.8	0.01
8/12/2017	19:30:00	71	82.3	0.01
8/12/2017	19:40:00	71.3	84.1	0.01
8/12/2017	19:50:00	70.1	87.2	0.01
8/12/2017	20:00:00	69.7	89.1	0.01
8/12/2017	20:10:00	69.3	89.4	0.01
8/12/2017	20:20:00	67.7	90.8	0.01
8/12/2017	20:30:00	67.7	93.1	0.01
8/12/2017	20:40:00	68.4	93.4	0.01
8/12/2017	20:50:00	69.2	90.4	0.01
8/12/2017	21:00:00	69	88.8	0.01
8/12/2017	21:10:00	69.5	83.2	0.03
8/12/2017	21:20:00	66.7	87.6	0.17
8/12/2017	21:30:00	64.3	92.7	0.24
8/12/2017	21:40:00	64.1	95.1	0.25
8/12/2017	21:50:00	63.5	96.3	0.25
8/12/2017	22:00:00	63.4	96.6	0.25
8/12/2017	22:10:00	63	97	0.25
8/12/2017	22:20:00	63.3	96.9	0.25
8/12/2017	22:30:00	63	97.1	0.25
8/12/2017	22:40:00	63.3	97.5	0.25
8/12/2017	22:50:00	62.6	97.3	0.25
8/12/2017	23:00:00	62.6	97.5	0.25
8/12/2017	23:10:00	62.1	97.6	0.25
8/12/2017	23:20:00	62.3	97.7	0.25
8/12/2017	23:30:00	62	97.9	0.25
8/12/2017	23:40:00	61.6	97.8	0.25
8/12/2017	23:50:00	61.5	98	0.25
8/13/2017	0:00:00	62.2	98.2	0.25
8/13/2017	0:10:00	62.1	98.2	0
8/13/2017	0:20:00	62.1	98.2	0
8/13/2017	0:30:00	62.3	98.2	0
8/13/2017	0:40:00	62.4	98.2	0
8/13/2017	0:50:00	62.3	98.3	0
8/13/2017	1:00:00	62.2	98.3	0
8/13/2017	1:10:00	62.1	98.3	0
8/13/2017	1:20:00	62.1	98.3	0
8/13/2017	1:30:00	62	98.3	0
8/13/2017	1:40:00	62.1	98.4	0
8/13/2017	1:50:00	61.9	98.4	0
8/13/2017	2:00:00	61.9	98.4	0
8/13/2017	2:10:00	61.8	98.4	0
8/13/2017	2:20:00	61.8	98.5	0
8/13/2017	2:30:00	61.8	98.5	0
8/13/2017	2:40:00	61.8	98.5	0
8/13/2017	2:50:00	61.6	98.5	0
8/13/2017	3:00:00	61.1	98.5	0
8/13/2017	3:10:00	61.1	98.5	0
8/13/2017	3:20:00	60.9	98.5	0
8/13/2017	3:30:00	60.7	98.5	0
8/13/2017	3:40:00	60.9	98.6	0
8/13/2017	3:50:00	60.9	98.6	0
8/13/2017	4:00:00	60.8	98.6	0
8/13/2017	4:10:00	60.4	98.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/13/2017	4:20:00	60.4	98.6	0
8/13/2017	4:30:00	60.4	98.6	0
8/13/2017	4:40:00	60.2	98.6	0
8/13/2017	4:50:00	60.1	98.6	0
8/13/2017	5:00:00	60	98.6	0
8/13/2017	5:10:00	60	98.7	0
8/13/2017	5:20:00	60	98.7	0
8/13/2017	5:30:00	60	98.7	0
8/13/2017	5:40:00	60	98.7	0
8/13/2017	5:50:00	59.7	98.7	0
8/13/2017	6:00:00	59.6	98.7	0
8/13/2017	6:10:00	59.4	98.7	0
8/13/2017	6:20:00	59.5	98.7	0
8/13/2017	6:30:00	59.2	98.7	0
8/13/2017	6:40:00	59.3	98.8	0
8/13/2017	6:50:00	59.4	98.8	0
8/13/2017	7:00:00	59.6	98.8	0
8/13/2017	7:10:00	59.7	98.8	0
8/13/2017	7:20:00	59.9	98.8	0
8/13/2017	7:30:00	60.2	98.7	0
8/13/2017	7:40:00	60.6	98.7	0
8/13/2017	7:50:00	60.8	98.6	0
8/13/2017	8:00:00	60.6	98.6	0
8/13/2017	8:10:00	61.3	98.5	0
8/13/2017	8:20:00	61.6	98	0
8/13/2017	8:30:00	62.4	97.2	0
8/13/2017	8:40:00	62.8	96.3	0
8/13/2017	8:50:00	63.2	95.8	0
8/13/2017	9:00:00	63.1	94.9	0
8/13/2017	9:10:00	63	92.6	0
8/13/2017	9:20:00	63	89.6	0
8/13/2017	9:30:00	63.2	85.7	0
8/13/2017	9:40:00	66.9	81.8	0
8/13/2017	9:50:00	65.5	83.8	0
8/13/2017	10:00:00	65.4	83.7	0
8/13/2017	10:10:00	66	84	0
8/13/2017	10:20:00	66.3	83	0
8/13/2017	10:30:00	66.7	81.1	0
8/13/2017	10:40:00	67.6	78.1	0
8/13/2017	10:50:00	67.9	78.1	0
8/13/2017	11:00:00	68.3	74.5	0
8/13/2017	11:10:00	71	65.8	0
8/13/2017	11:20:00	69.8	66.8	0
8/13/2017	11:30:00	71	66.2	0
8/13/2017	11:40:00	71.6	63.8	0
8/13/2017	11:50:00	71.3	63	0
8/13/2017	12:00:00	71.7	65.5	0
8/13/2017	12:10:00	72.3	62.5	0
8/13/2017	12:20:00	72.6	60	0
8/13/2017	12:30:00	71.6	59.1	0
8/13/2017	12:40:00	73.1	61	0
8/13/2017	12:50:00	72.2	59.8	0
8/13/2017	13:00:00	73.7	58.9	0
8/13/2017	13:10:00	73.7	57.2	0
8/13/2017	13:20:00	73.7	57.3	0
8/13/2017	13:30:00	75.1	55.9	0
8/13/2017	13:40:00	73	57	0
8/13/2017	13:50:00	75	55.3	0
8/13/2017	14:00:00	74.8	55.9	0
8/13/2017	14:10:00	75.5	54.9	0
8/13/2017	14:20:00	74.5	53.7	0
8/13/2017	14:30:00	72.9	57.6	0
8/13/2017	14:40:00	73.7	59.3	0
8/13/2017	14:50:00	75.4	57.4	0
8/13/2017	15:00:00	75.9	54.3	0
8/13/2017	15:10:00	76.5	53.1	0
8/13/2017	15:20:00	76.1	53.2	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/13/2017	15:30:00	75.5	51.7	0
8/13/2017	15:40:00	76.6	52.8	0
8/13/2017	15:50:00	74.3	57	0
8/13/2017	16:00:00	76.1	49.8	0
8/13/2017	16:10:00	77	49.5	0
8/13/2017	16:20:00	76.4	49.8	0
8/13/2017	16:30:00	76.2	50.4	0
8/13/2017	16:40:00	76.4	51.5	0
8/13/2017	16:50:00	74.9	54	0
8/13/2017	17:00:00	76.2	51.5	0
8/13/2017	17:10:00	75.4	53.6	0
8/13/2017	17:20:00	75.7	54.3	0
8/13/2017	17:30:00	75.8	53.9	0
8/13/2017	17:40:00	74.6	57.8	0
8/13/2017	17:50:00	73.7	58.9	0
8/13/2017	18:00:00	73.3	61.4	0
8/13/2017	18:10:00	71.8	68.9	0
8/13/2017	18:20:00	70.4	68.3	0
8/13/2017	18:30:00	70.1	71.8	0
8/13/2017	18:40:00	69.5	77.4	0
8/13/2017	18:50:00	69.5	77.1	0
8/13/2017	19:00:00	68	81.2	0
8/13/2017	19:10:00	67	84.4	0
8/13/2017	19:20:00	66.8	85.2	0
8/13/2017	19:30:00	66.8	84.3	0
8/13/2017	19:40:00	65.5	85.8	0
8/13/2017	19:50:00	65.1	86.7	0
8/13/2017	20:00:00	63.8	88.3	0
8/13/2017	20:10:00	63.5	88.7	0
8/13/2017	20:20:00	63.1	90	0
8/13/2017	20:30:00	62.8	90.3	0
8/13/2017	20:40:00	62.2	90.7	0
8/13/2017	20:50:00	61.9	91.5	0
8/13/2017	21:00:00	61.8	91.7	0
8/13/2017	21:10:00	61.5	92.5	0
8/13/2017	21:20:00	61.7	93.4	0
8/13/2017	21:30:00	61.3	93.3	0
8/13/2017	21:40:00	60.8	94.6	0
8/13/2017	21:50:00	61.2	95.1	0
8/13/2017	22:00:00	60.5	94.7	0
8/13/2017	22:10:00	60.3	95.4	0
8/13/2017	22:20:00	59.9	95.8	0
8/13/2017	22:30:00	59.6	96.1	0
8/13/2017	22:40:00	58.9	96.1	0
8/13/2017	22:50:00	58.7	96.6	0
8/13/2017	23:00:00	58.8	96.9	0
8/13/2017	23:10:00	58.3	96.6	0
8/13/2017	23:20:00	57.7	96.9	0
8/13/2017	23:30:00	57.3	96.8	0
8/13/2017	23:40:00	57.6	97.5	0
8/13/2017	23:50:00	57.3	97.5	0
8/14/2017	0:00:00	57.1	97.5	0
8/14/2017	0:10:00	56.8	97.5	0
8/14/2017	0:20:00	56.8	97.7	0
8/14/2017	0:30:00	56.2	97.6	0
8/14/2017	0:40:00	56	97.6	0
8/14/2017	0:50:00	55.8	97.7	0
8/14/2017	1:00:00	56.6	98	0
8/14/2017	1:10:00	56.4	97.9	0
8/14/2017	1:20:00	56.7	98.1	0
8/14/2017	1:30:00	56.7	98.1	0
8/14/2017	1:40:00	56.9	98.1	0
8/14/2017	1:50:00	56.9	98	0
8/14/2017	2:00:00	56.9	98	0
8/14/2017	2:10:00	57.3	97.9	0
8/14/2017	2:20:00	57	97.5	0
8/14/2017	2:30:00	57.1	97.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/14/2017	2:40:00	56.9	97.3	0
8/14/2017	2:50:00	56.9	97.2	0
8/14/2017	3:00:00	56.9	97.2	0
8/14/2017	3:10:00	56.9	97.3	0
8/14/2017	3:20:00	56.8	97.3	0
8/14/2017	3:30:00	56.7	97.3	0
8/14/2017	3:40:00	56.9	97.3	0
8/14/2017	3:50:00	56.8	97.1	0
8/14/2017	4:00:00	56.7	96.6	0
8/14/2017	4:10:00	56.8	96.4	0
8/14/2017	4:20:00	56.7	96.2	0
8/14/2017	4:30:00	56.9	96.5	0
8/14/2017	4:40:00	56.7	96.5	0
8/14/2017	4:50:00	56.5	97	0
8/14/2017	5:00:00	56.4	97.2	0
8/14/2017	5:10:00	56.3	97.5	0
8/14/2017	5:20:00	56.1	97.7	0
8/14/2017	5:30:00	56	97.9	0
8/14/2017	5:40:00	55.9	98	0
8/14/2017	5:50:00	55.8	98.1	0
8/14/2017	6:00:00	55.7	98.1	0
8/14/2017	6:10:00	55.7	98.1	0
8/14/2017	6:20:00	55.7	98.2	0
8/14/2017	6:30:00	55.7	98.3	0
8/14/2017	6:40:00	55.8	98.3	0
8/14/2017	6:50:00	55.7	98.3	0
8/14/2017	7:00:00	55.8	98.4	0
8/14/2017	7:10:00	55.7	98.4	0
8/14/2017	7:20:00	55.6	98.4	0
8/14/2017	7:30:00	55.9	98.4	0
8/14/2017	7:40:00	55.8	98.4	0
8/14/2017	7:50:00	56	98.3	0
8/14/2017	8:00:00	56.4	98.3	0
8/14/2017	8:10:00	56.5	98.3	0
8/14/2017	8:20:00	56.8	98.2	0
8/14/2017	8:30:00	56.9	98.1	0
8/14/2017	8:40:00	57.4	97.9	0
8/14/2017	8:50:00	57.5	97.2	0
8/14/2017	9:00:00	57.7	96.3	0
8/14/2017	9:10:00	58.1	95.3	0
8/14/2017	9:20:00	58.8	94.2	0
8/14/2017	9:30:00	59	92.3	0
8/14/2017	9:40:00	60.1	90.3	0
8/14/2017	9:50:00	61.4	89.5	0
8/14/2017	10:00:00	62.2	87.5	0
8/14/2017	10:10:00	62	88.5	0
8/14/2017	10:20:00	63.3	86.6	0
8/14/2017	10:30:00	63.7	85.6	0
8/14/2017	10:40:00	64.7	84.9	0
8/14/2017	10:50:00	64.8	83.2	0
8/14/2017	11:00:00	67.1	80.8	0
8/14/2017	11:10:00	66.5	80.4	0
8/14/2017	11:20:00	67.4	80	0
8/14/2017	11:30:00	68	78.6	0
8/14/2017	11:40:00	68.5	76.8	0
8/14/2017	11:50:00	69.2	76.6	0
8/14/2017	12:00:00	70	76.7	0
8/14/2017	12:10:00	71.1	63.5	0
8/14/2017	12:20:00	71.5	60.7	0
8/14/2017	12:30:00	71.8	60.4	0
8/14/2017	12:40:00	72.5	62.2	0
8/14/2017	12:50:00	73	60.2	0
8/14/2017	13:00:00	72.4	62.4	0
8/14/2017	13:10:00	72.3	62.2	0
8/14/2017	13:20:00	72.9	66.3	0
8/14/2017	13:30:00	73	66.5	0
8/14/2017	13:40:00	73.4	64.7	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/14/2017	13:50:00	72.7	70.6	0
8/14/2017	14:00:00	73.1	67.3	0
8/14/2017	14:10:00	73.2	67.7	0
8/14/2017	14:20:00	73.8	66.9	0
8/14/2017	14:30:00	74	66.4	0
8/14/2017	14:40:00	74.3	60.4	0
8/14/2017	14:50:00	75.4	62.6	0
8/14/2017	15:00:00	75.8	60.8	0
8/14/2017	15:10:00	75.3	60.3	0
8/14/2017	15:20:00	75.3	56.4	0
8/14/2017	15:30:00	75.3	59	0
8/14/2017	15:40:00	74.8	57.6	0
8/14/2017	15:50:00	76	59.3	0
8/14/2017	16:00:00	75.8	56.3	0
8/14/2017	16:10:00	75.4	56.8	0
8/14/2017	16:20:00	76	59.4	0
8/14/2017	16:30:00	75.1	57.9	0
8/14/2017	16:40:00	75	56.2	0
8/14/2017	16:50:00	75.7	56.1	0
8/14/2017	17:00:00	75.3	60.3	0
8/14/2017	17:10:00	74.3	62.9	0
8/14/2017	17:20:00	74.5	60.6	0
8/14/2017	17:30:00	71.3	70.2	0
8/14/2017	17:40:00	71	78	0
8/14/2017	17:50:00	73.1	69.1	0
8/14/2017	18:00:00	73.2	66.3	0
8/14/2017	18:10:00	72.9	69.8	0
8/14/2017	18:20:00	71.8	71.3	0
8/14/2017	18:30:00	69.6	78.1	0
8/14/2017	18:40:00	68.8	82.9	0
8/14/2017	18:50:00	68.5	84.9	0
8/14/2017	19:00:00	67.5	87.5	0
8/14/2017	19:10:00	67.1	87.9	0
8/14/2017	19:20:00	66.6	88.9	0
8/14/2017	19:30:00	67	90.6	0
8/14/2017	19:40:00	66.7	91.1	0
8/14/2017	19:50:00	66.5	90.9	0
8/14/2017	20:00:00	66.1	91.4	0
8/14/2017	20:10:00	65.4	91.9	0
8/14/2017	20:20:00	65.5	92.2	0
8/14/2017	20:30:00	65.1	92.6	0
8/14/2017	20:40:00	64.7	93.3	0
8/14/2017	20:50:00	64.1	93.3	0
8/14/2017	21:00:00	63.9	93	0
8/14/2017	21:10:00	63.6	93.6	0
8/14/2017	21:20:00	63.3	93.8	0
8/14/2017	21:30:00	63	93.8	0
8/14/2017	21:40:00	62.8	93.9	0
8/14/2017	21:50:00	63.1	94.5	0
8/14/2017	22:00:00	63.3	94.4	0
8/14/2017	22:10:00	63.2	94.6	0
8/14/2017	22:20:00	63.1	95.1	0
8/14/2017	22:30:00	63.2	94.7	0
8/14/2017	22:40:00	63.2	94.5	0
8/14/2017	22:50:00	63.4	94.8	0
8/14/2017	23:00:00	63	94.8	0
8/14/2017	23:10:00	62.9	95	0
8/14/2017	23:20:00	62.6	95.1	0
8/14/2017	23:30:00	63.1	95.7	0
8/14/2017	23:40:00	63.2	95.7	0
8/14/2017	23:50:00	62.8	95.3	0
8/15/2017	0:00:00	62.6	95.7	0
8/15/2017	0:10:00	62.9	95.9	0
8/15/2017	0:20:00	63.5	96.2	0
8/15/2017	0:30:00	63.3	95.7	0
8/15/2017	0:40:00	63.5	96	0
8/15/2017	0:50:00	64	95.2	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/15/2017	1:00:00	64.3	93.7	0
8/15/2017	1:10:00	63.4	92.9	0
8/15/2017	1:20:00	63.9	94.1	0
8/15/2017	1:30:00	64.5	90.6	0
8/15/2017	1:40:00	64.8	89.1	0
8/15/2017	1:50:00	64.6	88.7	0
8/15/2017	2:00:00	64.2	90.6	0
8/15/2017	2:10:00	64.1	92.3	0
8/15/2017	2:20:00	63.7	91.6	0
8/15/2017	2:30:00	63.7	91.9	0
8/15/2017	2:40:00	63.9	93.5	0
8/15/2017	2:50:00	64.6	91.7	0
8/15/2017	3:00:00	64	91.7	0
8/15/2017	3:10:00	64.8	88.9	0
8/15/2017	3:20:00	64.7	87.9	0
8/15/2017	3:30:00	64	91.5	0
8/15/2017	3:40:00	63.8	92.5	0
8/15/2017	3:50:00	64.2	92.7	0
8/15/2017	4:00:00	64.3	91.4	0
8/15/2017	4:10:00	64.6	90	0
8/15/2017	4:20:00	64.8	89	0
8/15/2017	4:30:00	64.5	89.2	0
8/15/2017	4:40:00	64.9	87.8	0
8/15/2017	4:50:00	64.5	89	0
8/15/2017	5:00:00	64.4	90.9	0
8/15/2017	5:10:00	63.8	92.4	0
8/15/2017	5:20:00	63.9	93.1	0
8/15/2017	5:30:00	63.8	93.3	0
8/15/2017	5:40:00	64	93.5	0
8/15/2017	5:50:00	64	93.3	0
8/15/2017	6:00:00	64.7	90.2	0
8/15/2017	6:10:00	64.1	92.1	0
8/15/2017	6:20:00	64.7	91.2	0
8/15/2017	6:30:00	64.7	89.6	0
8/15/2017	6:40:00	64.7	90.4	0
8/15/2017	6:50:00	64.5	90.9	0
8/15/2017	7:00:00	64.2	91.4	0
8/15/2017	7:10:00	64.3	93.1	0
8/15/2017	7:20:00	64.5	93.1	0
8/15/2017	7:30:00	64.8	92.7	0
8/15/2017	7:40:00	65	91.4	0
8/15/2017	7:50:00	65.3	91.8	0
8/15/2017	8:00:00	66	88.7	0
8/15/2017	8:10:00	66.3	86.2	0
8/15/2017	8:20:00	65.8	89.2	0
8/15/2017	8:30:00	66	89.7	0
8/15/2017	8:40:00	66.4	88.4	0
8/15/2017	8:50:00	66.8	87.7	0
8/15/2017	9:00:00	66.5	87.4	0
8/15/2017	9:10:00	66.8	86.6	0
8/15/2017	9:20:00	67.1	87.1	0
8/15/2017	9:30:00	67.1	86.4	0
8/15/2017	9:40:00	67.7	86.2	0
8/15/2017	9:50:00	68.5	84.4	0
8/15/2017	10:00:00	69	83.2	0
8/15/2017	10:10:00	69.8	82.1	0
8/15/2017	10:20:00	69.9	79.8	0
8/15/2017	10:30:00	69.6	80.5	0
8/15/2017	10:40:00	69.7	80.9	0
8/15/2017	10:50:00	69.5	82.1	0
8/15/2017	11:00:00	69.2	87.4	0
8/15/2017	11:10:00	70	83.3	0
8/15/2017	11:20:00	69.8	83.8	0
8/15/2017	11:30:00	69.8	83.5	0
8/15/2017	11:40:00	70.7	83.4	0
8/15/2017	11:50:00	71.6	80.1	0
8/15/2017	12:00:00	72	79.2	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/15/2017	12:10:00	72.9	77.5	0
8/15/2017	12:20:00	72.6	76.4	0
8/15/2017	12:30:00	72.7	74	0
8/15/2017	12:40:00	73.5	73.3	0
8/15/2017	12:50:00	73.4	71.6	0
8/15/2017	13:00:00	75.1	70.9	0
8/15/2017	13:10:00	74	69.2	0
8/15/2017	13:20:00	74.9	68	0
8/15/2017	13:30:00	75.1	66.4	0
8/15/2017	13:40:00	76.4	64.8	0
8/15/2017	13:50:00	75	67.3	0
8/15/2017	14:00:00	75.8	67.8	0
8/15/2017	14:10:00	75.9	67	0
8/15/2017	14:20:00	76.5	63.7	0
8/15/2017	14:30:00	76.1	64.6	0
8/15/2017	14:40:00	76.9	64.9	0
8/15/2017	14:50:00	77.9	63.4	0
8/15/2017	15:00:00	77.9	60.4	0
8/15/2017	15:10:00	78.1	59.8	0
8/15/2017	15:20:00	78.4	59.4	0
8/15/2017	15:30:00	78.3	59.6	0
8/15/2017	15:40:00	77.9	57.9	0
8/15/2017	15:50:00	78.2	60.3	0
8/15/2017	16:00:00	79.3	62.8	0
8/15/2017	16:10:00	78.8	57.7	0
8/15/2017	16:20:00	78.8	56.3	0
8/15/2017	16:30:00	78.9	56.4	0
8/15/2017	16:40:00	79.2	56.7	0
8/15/2017	16:50:00	79.3	58.2	0
8/15/2017	17:00:00	78.9	60.6	0
8/15/2017	17:10:00	78.6	57.6	0
8/15/2017	17:20:00	77.8	58.9	0
8/15/2017	17:30:00	77.9	59.7	0
8/15/2017	17:40:00	77.9	59.3	0
8/15/2017	17:50:00	77.1	65.3	0
8/15/2017	18:00:00	75.8	66.5	0
8/15/2017	18:10:00	73.2	78.7	0
8/15/2017	18:20:00	72.2	83.7	0
8/15/2017	18:30:00	72.1	84.8	0
8/15/2017	18:40:00	70.9	86.2	0
8/15/2017	18:50:00	69.2	78.7	0
8/15/2017	19:00:00	67.4	83.4	0
8/15/2017	19:10:00	65.5	90.3	0.13
8/15/2017	19:20:00	65	94.7	0.19
8/15/2017	19:30:00	64.9	95.9	0.22
8/15/2017	19:40:00	64.7	96.5	0.22
8/15/2017	19:50:00	64.9	97	0.22
8/15/2017	20:00:00	64.9	97.2	0.22
8/15/2017	20:10:00	64.9	97.2	0.22
8/15/2017	20:20:00	64.6	97.2	0.22
8/15/2017	20:30:00	64.3	97.2	0.22
8/15/2017	20:40:00	64.3	97.4	0.22
8/15/2017	20:50:00	63.9	97.3	0.22
8/15/2017	21:00:00	63.3	97.4	0.22
8/15/2017	21:10:00	63.6	97.7	0.22
8/15/2017	21:20:00	63.3	97.8	0.22
8/15/2017	21:30:00	63.2	97.9	0.22
8/15/2017	21:40:00	62.3	97.8	0.22
8/15/2017	21:50:00	62.8	98.1	0.22
8/15/2017	22:00:00	62.8	98.1	0.22
8/15/2017	22:10:00	62.7	98.1	0.22
8/15/2017	22:20:00	62.9	98.2	0.22
8/15/2017	22:30:00	62.9	98.2	0.22
8/15/2017	22:40:00	62.9	98.3	0.22
8/15/2017	22:50:00	63	98.3	0.22
8/15/2017	23:00:00	63	98.3	0.22
8/15/2017	23:10:00	63	98.3	0.22

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/15/2017	23:20:00	63.1	98.4	0.22
8/15/2017	23:30:00	63.1	98.4	0.22
8/15/2017	23:40:00	63.1	98.4	0.22
8/15/2017	23:50:00	63.1	98.4	0.22
8/16/2017	0:00:00	63.1	98.4	0.22
8/16/2017	0:10:00	63.1	98.5	0
8/16/2017	0:20:00	63.1	98.5	0
8/16/2017	0:30:00	62.8	98.4	0
8/16/2017	0:40:00	63	98.5	0
8/16/2017	0:50:00	62.8	98.5	0
8/16/2017	1:00:00	62.6	98.5	0
8/16/2017	1:10:00	62.2	98.5	0
8/16/2017	1:20:00	62.2	98.5	0
8/16/2017	1:30:00	62.3	98.6	0
8/16/2017	1:40:00	62.2	98.6	0
8/16/2017	1:50:00	62.2	98.6	0
8/16/2017	2:00:00	62.1	98.6	0
8/16/2017	2:10:00	62.1	98.6	0
8/16/2017	2:20:00	62	98.6	0
8/16/2017	2:30:00	62	98.6	0
8/16/2017	2:40:00	61.9	98.7	0
8/16/2017	2:50:00	61.9	98.7	0
8/16/2017	3:00:00	61.8	98.7	0
8/16/2017	3:10:00	61.6	98.7	0
8/16/2017	3:20:00	61.4	98.7	0
8/16/2017	3:30:00	61.4	98.7	0
8/16/2017	3:40:00	61.4	98.7	0
8/16/2017	3:50:00	61.3	98.7	0
8/16/2017	4:00:00	61.4	98.7	0
8/16/2017	4:10:00	61.2	98.7	0
8/16/2017	4:20:00	61.3	98.7	0
8/16/2017	4:30:00	61.2	98.7	0
8/16/2017	4:40:00	61.2	98.7	0
8/16/2017	4:50:00	61.5	98.8	0
8/16/2017	5:00:00	61.3	98.7	0
8/16/2017	5:10:00	61.4	98.7	0
8/16/2017	5:20:00	61.4	98.7	0
8/16/2017	5:30:00	61.3	98.7	0
8/16/2017	5:40:00	61.3	98.7	0
8/16/2017	5:50:00	61.4	98.7	0
8/16/2017	6:00:00	61.4	98.7	0
8/16/2017	6:10:00	61.4	98.7	0
8/16/2017	6:20:00	61.3	98.7	0
8/16/2017	6:30:00	61.5	98.7	0
8/16/2017	6:40:00	61.3	98.7	0
8/16/2017	6:50:00	61.5	98.7	0
8/16/2017	7:00:00	61.8	98.7	0
8/16/2017	7:10:00	61.9	98.7	0
8/16/2017	7:20:00	62	98.7	0
8/16/2017	7:30:00	62.2	98.7	0
8/16/2017	7:40:00	62.4	98.7	0
8/16/2017	7:50:00	62.6	98.7	0
8/16/2017	8:00:00	62.7	98.6	0
8/16/2017	8:10:00	63.2	98.6	0
8/16/2017	8:20:00	63.7	98.5	0
8/16/2017	8:30:00	64.2	98.3	0
8/16/2017	8:40:00	64.4	97.8	0
8/16/2017	8:50:00	64.4	93.4	0
8/16/2017	9:00:00	64.6	90.1	0
8/16/2017	9:10:00	64.6	89.2	0
8/16/2017	9:20:00	64.8	88.8	0
8/16/2017	9:30:00	64.9	87.6	0
8/16/2017	9:40:00	65.7	86.3	0
8/16/2017	9:50:00	67	83.1	0
8/16/2017	10:00:00	68.3	82	0
8/16/2017	10:10:00	68.9	78.3	0
8/16/2017	10:20:00	69.2	78.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/16/2017	10:30:00	70.1	77.1	0
8/16/2017	10:40:00	70.7	73.5	0
8/16/2017	10:50:00	71	73.4	0
8/16/2017	11:00:00	70.9	72.7	0
8/16/2017	11:10:00	70.7	74.5	0
8/16/2017	11:20:00	71.3	74	0
8/16/2017	11:30:00	72.4	71.2	0
8/16/2017	11:40:00	72.8	69	0
8/16/2017	11:50:00	73.1	68.9	0
8/16/2017	12:00:00	73.5	68.3	0
8/16/2017	12:10:00	74	65.5	0
8/16/2017	12:20:00	74.5	66.1	0
8/16/2017	12:30:00	76.1	67	0
8/16/2017	12:40:00	75.6	64.7	0
8/16/2017	12:50:00	75	61.6	0
8/16/2017	13:00:00	76	60.9	0
8/16/2017	13:10:00	76.6	61.7	0
8/16/2017	13:20:00	76.5	59.4	0
8/16/2017	13:30:00	76	58.9	0
8/16/2017	13:40:00	75.8	61.4	0
8/16/2017	13:50:00	76.3	58.4	0
8/16/2017	14:00:00	76.8	59.1	0
8/16/2017	14:10:00	76.6	59.2	0
8/16/2017	14:20:00	76.9	56.4	0
8/16/2017	14:30:00	75.7	57.7	0
8/16/2017	14:40:00	76.1	61	0
8/16/2017	14:50:00	75.8	59.5	0
8/16/2017	15:00:00	74.4	63.1	0
8/16/2017	15:10:00	76.2	63.1	0
8/16/2017	15:20:00	75.3	60.2	0
8/16/2017	15:30:00	75.6	61.1	0
8/16/2017	15:40:00	75.5	61	0
8/16/2017	15:50:00	76	60.2	0
8/16/2017	16:00:00	77.1	54.5	0
8/16/2017	16:10:00	77.2	56.9	0
8/16/2017	16:20:00	77.3	58.4	0
8/16/2017	16:30:00	77.8	57.1	0
8/16/2017	16:40:00	76.6	54.1	0
8/16/2017	16:50:00	77	55.9	0
8/16/2017	17:00:00	77	55.3	0
8/16/2017	17:10:00	75.9	57.2	0
8/16/2017	17:20:00	76.6	56.5	0
8/16/2017	17:30:00	74.6	57.9	0
8/16/2017	17:40:00	72.7	62.5	0
8/16/2017	17:50:00	71.9	63.7	0
8/16/2017	18:00:00	72.7	65	0
8/16/2017	18:10:00	71.2	67.1	0
8/16/2017	18:20:00	70.4	73.5	0
8/16/2017	18:30:00	70.4	75.2	0
8/16/2017	18:40:00	69.9	77.6	0
8/16/2017	18:50:00	70.1	76.6	0
8/16/2017	19:00:00	69.2	80.8	0
8/16/2017	19:10:00	68	83.4	0
8/16/2017	19:20:00	67.4	83.6	0
8/16/2017	19:30:00	67.2	84.2	0
8/16/2017	19:40:00	66.4	87.2	0
8/16/2017	19:50:00	65.5	88.2	0
8/16/2017	20:00:00	64.8	88.2	0
8/16/2017	20:10:00	64.2	89.6	0
8/16/2017	20:20:00	63.5	90.1	0
8/16/2017	20:30:00	63	91.3	0
8/16/2017	20:40:00	62.2	91.9	0
8/16/2017	20:50:00	61.8	92.9	0
8/16/2017	21:00:00	61.2	93.3	0
8/16/2017	21:10:00	61	94	0
8/16/2017	21:20:00	60.3	94.5	0
8/16/2017	21:30:00	60.3	95.4	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/16/2017	21:40:00	60	95.5	0
8/16/2017	21:50:00	59.2	95.6	0
8/16/2017	22:00:00	59.1	96.2	0
8/16/2017	22:10:00	59	96.6	0
8/16/2017	22:20:00	58.6	96.7	0
8/16/2017	22:30:00	58.6	96.9	0
8/16/2017	22:40:00	58.2	97	0
8/16/2017	22:50:00	58.2	97.2	0
8/16/2017	23:00:00	57.8	97.2	0
8/16/2017	23:10:00	57.8	97.4	0
8/16/2017	23:20:00	56.4	96.9	0
8/16/2017	23:30:00	57.1	97.5	0
8/16/2017	23:40:00	56.8	97.6	0
8/16/2017	23:50:00	56.3	97.5	0
8/17/2017	0:00:00	56.5	97.7	0
8/17/2017	0:10:00	56.2	97.6	0
8/17/2017	0:20:00	55.8	97.6	0
8/17/2017	0:30:00	55.9	97.7	0
8/17/2017	0:40:00	55.6	97.8	0
8/17/2017	0:50:00	55.5	97.8	0
8/17/2017	1:00:00	55.6	97.8	0
8/17/2017	1:10:00	55	97.8	0
8/17/2017	1:20:00	54.6	97.8	0
8/17/2017	1:30:00	54.2	97.8	0
8/17/2017	1:40:00	54.3	98	0
8/17/2017	1:50:00	54.1	98	0
8/17/2017	2:00:00	54.2	98.1	0
8/17/2017	2:10:00	54.2	98.1	0
8/17/2017	2:20:00	54.3	98.1	0
8/17/2017	2:30:00	54.3	98.2	0
8/17/2017	2:40:00	54.7	98.1	0
8/17/2017	2:50:00	55	98	0
8/17/2017	3:00:00	54.6	97.6	0
8/17/2017	3:10:00	54.7	97.6	0
8/17/2017	3:20:00	54.4	97.2	0
8/17/2017	3:30:00	53.9	96.7	0
8/17/2017	3:40:00	54.2	96.9	0
8/17/2017	3:50:00	54.2	96.1	0
8/17/2017	4:00:00	54.2	96	0
8/17/2017	4:10:00	54.3	96.3	0
8/17/2017	4:20:00	53.8	95.8	0
8/17/2017	4:30:00	53.6	95.8	0
8/17/2017	4:40:00	53.2	96.1	0
8/17/2017	4:50:00	53.3	95.8	0
8/17/2017	5:00:00	53.4	96	0
8/17/2017	5:10:00	53.3	95.8	0
8/17/2017	5:20:00	53.4	95.9	0
8/17/2017	5:30:00	53.5	96	0
8/17/2017	5:40:00	53	95.5	0
8/17/2017	5:50:00	52.9	95.1	0
8/17/2017	6:00:00	52.7	95.5	0
8/17/2017	6:10:00	52.7	95.4	0
8/17/2017	6:20:00	52.8	95.5	0
8/17/2017	6:30:00	52.7	95.1	0
8/17/2017	6:40:00	52.7	95.1	0
8/17/2017	6:50:00	52.6	94.8	0
8/17/2017	7:00:00	52.6	94.8	0
8/17/2017	7:10:00	52.8	95.4	0
8/17/2017	7:20:00	53.1	95.1	0
8/17/2017	7:30:00	53.4	94.5	0
8/17/2017	7:40:00	53.6	94.1	0
8/17/2017	7:50:00	53.8	93.6	0
8/17/2017	8:00:00	54.4	93.4	0
8/17/2017	8:10:00	55.2	92.7	0
8/17/2017	8:20:00	56.3	90.7	0
8/17/2017	8:30:00	56.9	89.5	0
8/17/2017	8:40:00	56.8	90.4	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/17/2017	8:50:00	57.3	90.3	0
8/17/2017	9:00:00	59	85.3	0
8/17/2017	9:10:00	59.2	84.8	0
8/17/2017	9:20:00	60.3	82.9	0
8/17/2017	9:30:00	60.9	79.8	0
8/17/2017	9:40:00	61.7	80.7	0
8/17/2017	9:50:00	61.6	82.7	0
8/17/2017	10:00:00	62.8	80.7	0
8/17/2017	10:10:00	63.9	77.6	0
8/17/2017	10:20:00	65	77.3	0
8/17/2017	10:30:00	66.6	73.4	0
8/17/2017	10:40:00	67.2	70.4	0
8/17/2017	10:50:00	68.4	69.4	0
8/17/2017	11:00:00	69.8	59.3	0
8/17/2017	11:10:00	71.4	58.5	0
8/17/2017	11:20:00	70.9	53	0
8/17/2017	11:30:00	72	54.4	0
8/17/2017	11:40:00	72.2	54	0
8/17/2017	11:50:00	73.8	55.5	0
8/17/2017	12:00:00	74.2	53.7	0
8/17/2017	12:10:00	74.2	48.5	0
8/17/2017	12:20:00	75	50.1	0
8/17/2017	12:30:00	75.4	50.4	0
8/17/2017	12:40:00	75.6	51.9	0
8/17/2017	12:50:00	75.2	50.6	0
8/17/2017	13:00:00	76.2	52	0
8/17/2017	13:10:00	77.1	52.2	0
8/17/2017	13:20:00	77.4	54.9	0
8/17/2017	13:30:00	77	52.5	0
8/17/2017	13:40:00	77.6	53.8	0
8/17/2017	13:50:00	78.9	56.3	0
8/17/2017	14:00:00	78.2	52.6	0
8/17/2017	14:10:00	79.1	53.8	0
8/17/2017	14:20:00	78.9	55.1	0
8/17/2017	14:30:00	78	56.4	0
8/17/2017	14:40:00	78.5	54.8	0
8/17/2017	14:50:00	77.7	56.9	0
8/17/2017	15:00:00	79	54.8	0
8/17/2017	15:10:00	80.2	54.8	0
8/17/2017	15:20:00	78.8	54.7	0
8/17/2017	15:30:00	77.1	64.8	0
8/17/2017	15:40:00	79.7	55.8	0
8/17/2017	15:50:00	78.6	58.8	0
8/17/2017	16:00:00	76.9	65.1	0
8/17/2017	16:10:00	77.2	65.6	0
8/17/2017	16:20:00	77.2	65.2	0
8/17/2017	16:30:00	76.2	68.5	0
8/17/2017	16:40:00	75.5	69.7	0
8/17/2017	16:50:00	75.1	72	0
8/17/2017	17:00:00	76.6	71.2	0
8/17/2017	17:10:00	77.5	70.6	0
8/17/2017	17:20:00	76.7	69.9	0
8/17/2017	17:30:00	77.8	69.1	0
8/17/2017	17:40:00	78.5	64.5	0
8/17/2017	17:50:00	77.6	64.6	0
8/17/2017	18:00:00	77.1	66.7	0
8/17/2017	18:10:00	75.3	73.5	0
8/17/2017	18:20:00	75.1	73.1	0
8/17/2017	18:30:00	74.1	75.3	0
8/17/2017	18:40:00	74.3	75.8	0
8/17/2017	18:50:00	73.7	77.7	0
8/17/2017	19:00:00	72.3	81.3	0
8/17/2017	19:10:00	71.6	81.7	0
8/17/2017	19:20:00	70.5	86.1	0
8/17/2017	19:30:00	70	87.5	0
8/17/2017	19:40:00	70.1	88	0
8/17/2017	19:50:00	70.1	87.3	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/17/2017	20:00:00	69.9	85.9	0
8/17/2017	20:10:00	70.3	85.2	0
8/17/2017	20:20:00	70.2	85.2	0
8/17/2017	20:30:00	69.7	86.8	0
8/17/2017	20:40:00	69.1	87	0
8/17/2017	20:50:00	69	88.4	0
8/17/2017	21:00:00	68.9	89.3	0
8/17/2017	21:10:00	68.5	89.7	0
8/17/2017	21:20:00	69.7	87.9	0
8/17/2017	21:30:00	70	87	0
8/17/2017	21:40:00	71.1	82.7	0
8/17/2017	21:50:00	71.1	82.3	0
8/17/2017	22:00:00	71.2	81.7	0
8/17/2017	22:10:00	71.6	80.2	0
8/17/2017	22:20:00	70.3	83.5	0
8/17/2017	22:30:00	70.4	85.1	0
8/17/2017	22:40:00	70.1	85.5	0
8/17/2017	22:50:00	71.1	83	0
8/17/2017	23:00:00	71.4	81.6	0
8/17/2017	23:10:00	71.4	81.2	0
8/17/2017	23:20:00	71.9	79.6	0
8/17/2017	23:30:00	71.3	81.2	0
8/17/2017	23:40:00	71.3	81.5	0
8/17/2017	23:50:00	71.7	81	0
8/18/2017	0:00:00	71.9	80.5	0
8/18/2017	0:10:00	71.6	81.5	0
8/18/2017	0:20:00	71.5	82.4	0
8/18/2017	0:30:00	71.9	82.5	0
8/18/2017	0:40:00	70.5	85.6	0
8/18/2017	0:50:00	69.5	89.3	0
8/18/2017	1:00:00	69.2	90.7	0.01
8/18/2017	1:10:00	70	89.1	0.01
8/18/2017	1:20:00	69.7	90.4	0.01
8/18/2017	1:30:00	69.8	89.8	0.01
8/18/2017	1:40:00	69.7	90.6	0.01
8/18/2017	1:50:00	69.2	91.1	0.01
8/18/2017	2:00:00	69.5	91.9	0.01
8/18/2017	2:10:00	70.2	89.7	0.01
8/18/2017	2:20:00	70.2	89.3	0.01
8/18/2017	2:30:00	70.3	89.6	0.01
8/18/2017	2:40:00	70.3	89.2	0.01
8/18/2017	2:50:00	70.7	88.2	0.01
8/18/2017	3:00:00	70.6	88.2	0.01
8/18/2017	3:10:00	70.5	88.7	0.01
8/18/2017	3:20:00	70.5	89	0.01
8/18/2017	3:30:00	70.6	89.1	0.01
8/18/2017	3:40:00	70.6	89	0.01
8/18/2017	3:50:00	70.7	89	0.01
8/18/2017	4:00:00	70.7	89	0.01
8/18/2017	4:10:00	70.1	91.1	0.02
8/18/2017	4:20:00	69.8	92.3	0.04
8/18/2017	4:30:00	69.5	93.2	0.04
8/18/2017	4:40:00	69.5	93.6	0.04
8/18/2017	4:50:00	69.4	93.6	0.04
8/18/2017	5:00:00	69.5	93.4	0.04
8/18/2017	5:10:00	69.5	93.3	0.04
8/18/2017	5:20:00	69.6	93.4	0.04
8/18/2017	5:30:00	69.2	94.1	0.04
8/18/2017	5:40:00	68.8	94.3	0.04
8/18/2017	5:50:00	68.3	95.9	0.04
8/18/2017	6:00:00	68.3	96.5	0.04
8/18/2017	6:10:00	68.7	97.1	0.04
8/18/2017	6:20:00	68.9	97.1	0.04
8/18/2017	6:30:00	68.8	97	0.04
8/18/2017	6:40:00	69.4	96.8	0.04
8/18/2017	6:50:00	68.9	96.8	0.04
8/18/2017	7:00:00	68.7	96.9	0.04

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/18/2017	7:10:00	69	97.2	0.04
8/18/2017	7:20:00	68.8	97.1	0.04
8/18/2017	7:30:00	69	97.3	0.04
8/18/2017	7:40:00	69.3	97.1	0.04
8/18/2017	7:50:00	69.6	97.3	0.04
8/18/2017	8:00:00	69.9	97.2	0.04
8/18/2017	8:10:00	70.1	97.3	0.04
8/18/2017	8:20:00	70	97.2	0.04
8/18/2017	8:30:00	70.2	97.3	0.04
8/18/2017	8:40:00	70.1	97.2	0.07
8/18/2017	8:50:00	69.9	97.2	0.2
8/18/2017	9:00:00	70.3	97.5	0.23
8/18/2017	9:10:00	70.3	97.5	0.25
8/18/2017	9:20:00	70.7	97.6	0.29
8/18/2017	9:30:00	70.6	97.5	0.31
8/18/2017	9:40:00	70.7	97.6	0.32
8/18/2017	9:50:00	70.9	97.6	0.34
8/18/2017	10:00:00	71.2	97.5	0.35
8/18/2017	10:10:00	71.4	97.5	0.36
8/18/2017	10:20:00	71.7	97.2	0.36
8/18/2017	10:30:00	71.7	97.2	0.37
8/18/2017	10:40:00	72.3	97	0.37
8/18/2017	10:50:00	72.9	96.3	0.37
8/18/2017	11:00:00	73	95.2	0.39
8/18/2017	11:10:00	72.5	95.9	0.47
8/18/2017	11:20:00	72.6	96.7	0.62
8/18/2017	11:30:00	72.3	96.9	0.8
8/18/2017	11:40:00	72.7	97.2	0.85
8/18/2017	11:50:00	72.3	97.1	0.9
8/18/2017	12:00:00	71.9	97.2	0.92
8/18/2017	12:10:00	71.8	97.3	1.23
8/18/2017	12:20:00	72.2	97.5	1.23
8/18/2017	12:30:00	73.3	97.7	1.23
8/18/2017	12:40:00	73.4	97.2	1.25
8/18/2017	12:50:00	73.3	97.2	1.26
8/18/2017	13:00:00	73.4	97.4	1.28
8/18/2017	13:10:00	73.2	97.5	1.37
8/18/2017	13:20:00	73.1	97.2	1.52
8/18/2017	13:30:00	72.9	96.8	1.59
8/18/2017	13:40:00	73	95.3	1.63
8/18/2017	13:50:00	72	94.7	1.84
8/18/2017	14:00:00	71.9	95.4	1.9
8/18/2017	14:10:00	72.4	95.2	1.9
8/18/2017	14:20:00	73.3	94.8	1.9
8/18/2017	14:30:00	73.6	93.7	1.9
8/18/2017	14:40:00	74.1	93.4	1.9
8/18/2017	14:50:00	74.6	90.5	1.9
8/18/2017	15:00:00	75.1	90.4	1.9
8/18/2017	15:10:00	74.4	91.1	1.9
8/18/2017	15:20:00	74.6	92.1	1.9
8/18/2017	15:30:00	75.2	90.4	1.9
8/18/2017	15:40:00	75.4	91	1.9
8/18/2017	15:50:00	75.6	91.7	1.9
8/18/2017	16:00:00	75.8	91.1	1.9
8/18/2017	16:10:00	77.9	88.8	1.9
8/18/2017	16:20:00	78.9	83.2	1.9
8/18/2017	16:30:00	77.7	83.1	1.9
8/18/2017	16:40:00	77.8	84.8	1.9
8/18/2017	16:50:00	78	87.2	1.9
8/18/2017	17:00:00	78.6	83.7	1.9
8/18/2017	17:10:00	78.1	84.8	1.9
8/18/2017	17:20:00	78.3	88.1	1.9
8/18/2017	17:30:00	77.9	84.5	1.9
8/18/2017	17:40:00	79.7	79.9	1.9
8/18/2017	17:50:00	77.7	86.4	1.9
8/18/2017	18:00:00	79.4	79.1	1.9
8/18/2017	18:10:00	78.6	80.9	1.9

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/18/2017	18:20:00	75.2	89.5	1.9
8/18/2017	18:30:00	74	94.4	1.9
8/18/2017	18:40:00	74.3	95.6	1.9
8/18/2017	18:50:00	75.1	93.7	1.9
8/18/2017	19:00:00	74.8	93.3	1.9
8/18/2017	19:10:00	76.4	88.4	1.9
8/18/2017	19:20:00	74.2	93.7	1.9
8/18/2017	19:30:00	74.9	92.5	1.9
8/18/2017	19:40:00	73.6	94.6	1.9
8/18/2017	19:50:00	73	96.1	1.9
8/18/2017	20:00:00	72.7	96.5	1.9
8/18/2017	20:10:00	72.3	96.9	1.9
8/18/2017	20:20:00	71.8	97.1	1.9
8/18/2017	20:30:00	71.4	97.3	1.9
8/18/2017	20:40:00	70.6	97.3	1.9
8/18/2017	20:50:00	70.2	97.5	1.9
8/18/2017	21:00:00	70.5	97.8	1.9
8/18/2017	21:10:00	70.3	97.5	1.9
8/18/2017	21:20:00	70.2	97.7	1.9
8/18/2017	21:30:00	68.6	97.4	1.9
8/18/2017	21:40:00	68.6	97.6	1.9
8/18/2017	21:50:00	69.8	98.1	1.9
8/18/2017	22:00:00	68.6	97.9	1.9
8/18/2017	22:10:00	69.6	98.2	1.9
8/18/2017	22:20:00	68.9	98.1	1.9
8/18/2017	22:30:00	69.1	98.1	1.9
8/18/2017	22:40:00	69.3	98.2	1.9
8/18/2017	22:50:00	69.4	98.2	1.9
8/18/2017	23:00:00	68.6	98.2	1.9
8/18/2017	23:10:00	69.5	98.3	1.92
8/18/2017	23:20:00	70.2	98.4	1.93
8/18/2017	23:30:00	69.9	98.3	1.93
8/18/2017	23:40:00	69.7	98.3	1.93
8/18/2017	23:50:00	69.1	98.3	1.93
8/19/2017	0:00:00	69.2	98.3	1.93
8/19/2017	0:10:00	68.9	98.3	0
8/19/2017	0:20:00	69.1	98.4	0
8/19/2017	0:30:00	68.2	98.2	0
8/19/2017	0:40:00	68.5	98.4	0
8/19/2017	0:50:00	68.7	98.5	0
8/19/2017	1:00:00	68.5	98.4	0
8/19/2017	1:10:00	68.6	98.5	0
8/19/2017	1:20:00	68.2	98.4	0
8/19/2017	1:30:00	68.1	98.4	0
8/19/2017	1:40:00	67.9	98.5	0
8/19/2017	1:50:00	67.7	98.5	0
8/19/2017	2:00:00	67.6	98.5	0
8/19/2017	2:10:00	67.5	98.5	0
8/19/2017	2:20:00	67.2	98.5	0
8/19/2017	2:30:00	67.1	98.6	0
8/19/2017	2:40:00	66.6	98.5	0
8/19/2017	2:50:00	66.5	98.6	0
8/19/2017	3:00:00	66.4	98.6	0
8/19/2017	3:10:00	66.5	98.7	0
8/19/2017	3:20:00	66.3	98.6	0
8/19/2017	3:30:00	66.1	98.7	0
8/19/2017	3:40:00	65.6	98.6	0
8/19/2017	3:50:00	65.4	98.7	0
8/19/2017	4:00:00	65.3	98.7	0
8/19/2017	4:10:00	65.3	98.7	0
8/19/2017	4:20:00	65.3	98.8	0
8/19/2017	4:30:00	64.9	98.7	0
8/19/2017	4:40:00	64.8	98.8	0
8/19/2017	4:50:00	64.4	98.7	0
8/19/2017	5:00:00	64.4	98.8	0
8/19/2017	5:10:00	64.3	98.8	0
8/19/2017	5:20:00	64.4	98.8	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/19/2017	5:30:00	64.2	98.8	0
8/19/2017	5:40:00	64.1	98.8	0
8/19/2017	5:50:00	64.2	98.8	0
8/19/2017	6:00:00	63.9	98.8	0
8/19/2017	6:10:00	63.8	98.8	0
8/19/2017	6:20:00	63.9	98.9	0
8/19/2017	6:30:00	63.6	98.8	0
8/19/2017	6:40:00	63.9	98.9	0
8/19/2017	6:50:00	63.8	98.8	0
8/19/2017	7:00:00	63.6	98.8	0
8/19/2017	7:10:00	63.1	98.8	0
8/19/2017	7:20:00	63.6	98.9	0
8/19/2017	7:30:00	63.6	98.8	0
8/19/2017	7:40:00	63.9	98.8	0
8/19/2017	7:50:00	63.5	98.8	0
8/19/2017	8:00:00	63.5	98.8	0
8/19/2017	8:10:00	63.8	98.7	0
8/19/2017	8:20:00	64.6	98.8	0
8/19/2017	8:30:00	64	98.5	0
8/19/2017	8:40:00	64.4	98.6	0
8/19/2017	8:50:00	65.2	98.4	0
8/19/2017	9:00:00	66	98.3	0
8/19/2017	9:10:00	66	98.1	0
8/19/2017	9:20:00	66.8	97.3	0
8/19/2017	9:30:00	67.6	93.3	0
8/19/2017	9:40:00	67.6	87.7	0
8/19/2017	9:50:00	68.3	82.5	0
8/19/2017	10:00:00	71.4	81.6	0
8/19/2017	10:10:00	71.5	79.8	0
8/19/2017	10:20:00	73.4	76.6	0
8/19/2017	10:30:00	72.8	74.6	0
8/19/2017	10:40:00	72.5	71.9	0
8/19/2017	10:50:00	72.4	72.9	0
8/19/2017	11:00:00	74	66.5	0
8/19/2017	11:10:00	73	68.8	0
8/19/2017	11:20:00	73.1	69.1	0
8/19/2017	11:30:00	72.7	68	0
8/19/2017	11:40:00	75.1	68.7	0
8/19/2017	11:50:00	75.9	63.1	0
8/19/2017	12:00:00	76	62.5	0
8/19/2017	12:10:00	75.6	65.2	0
8/19/2017	12:20:00	75.5	63.5	0
8/19/2017	12:30:00	76.2	61.8	0
8/19/2017	12:40:00	75.2	59.8	0
8/19/2017	12:50:00	76.2	61	0
8/19/2017	13:00:00	76.5	64.1	0
8/19/2017	13:10:00	76.3	60.9	0
8/19/2017	13:20:00	75.9	61.4	0
8/19/2017	13:30:00	75.8	63.2	0
8/19/2017	13:40:00	75.6	60.5	0
8/19/2017	13:50:00	76.3	62.1	0
8/19/2017	14:00:00	77	59.3	0
8/19/2017	14:10:00	77.6	60	0
8/19/2017	14:20:00	77.8	56.8	0
8/19/2017	14:30:00	78.1	56.1	0
8/19/2017	14:40:00	77	57.5	0
8/19/2017	14:50:00	76.7	57.7	0
8/19/2017	15:00:00	78.2	58.8	0
8/19/2017	15:10:00	78.2	56	0
8/19/2017	15:20:00	77.9	59.5	0
8/19/2017	15:30:00	79.2	57.7	0
8/19/2017	15:40:00	78.9	56	0
8/19/2017	15:50:00	79	54.8	0
8/19/2017	16:00:00	79.2	55.3	0
8/19/2017	16:10:00	79.2	54.2	0
8/19/2017	16:20:00	79.1	54.3	0
8/19/2017	16:30:00	78.4	54.1	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/19/2017	16:40:00	78.5	56.4	0
8/19/2017	16:50:00	78.5	57.9	0
8/19/2017	17:00:00	79.1	52.8	0
8/19/2017	17:10:00	78.8	54.3	0
8/19/2017	17:20:00	78.4	55.1	0
8/19/2017	17:30:00	78.3	57.8	0
8/19/2017	17:40:00	76	71.4	0
8/19/2017	17:50:00	76.8	64.1	0
8/19/2017	18:00:00	76.6	68.9	0
8/19/2017	18:10:00	75.1	76.4	0
8/19/2017	18:20:00	74.3	78.9	0
8/19/2017	18:30:00	72.9	82.8	0
8/19/2017	18:40:00	71.6	83.7	0
8/19/2017	18:50:00	70.3	88.9	0
8/19/2017	19:00:00	70	90.7	0
8/19/2017	19:10:00	69.2	90.4	0
8/19/2017	19:20:00	68.9	91.2	0
8/19/2017	19:30:00	65.4	80.8	0.16
8/19/2017	19:40:00	62.8	90.7	0.2
8/19/2017	19:50:00	62.1	94.6	0.23
8/19/2017	20:00:00	61.9	95.2	0.23
8/19/2017	20:10:00	61.8	95.9	0.23
8/19/2017	20:20:00	62	96.6	0.23
8/19/2017	20:30:00	62	97	0.23
8/19/2017	20:40:00	62.7	96.2	0.23
8/19/2017	20:50:00	62.7	95.2	0.25
8/19/2017	21:00:00	62.5	94.6	0.25
8/19/2017	21:10:00	62.2	96.1	0.26
8/19/2017	21:20:00	62.2	96.8	0.26
8/19/2017	21:30:00	61.9	97	0.26
8/19/2017	21:40:00	61.9	97.3	0.26
8/19/2017	21:50:00	62.5	97.2	0.28
8/19/2017	22:00:00	62	97	0.28
8/19/2017	22:10:00	61.9	97.2	0.28
8/19/2017	22:20:00	62.2	97.5	0.28
8/19/2017	22:30:00	62.1	97.5	0.28
8/19/2017	22:40:00	61.9	97.6	0.28
8/19/2017	22:50:00	61.9	97.8	0.28
8/19/2017	23:00:00	61.8	97.8	0.28
8/19/2017	23:10:00	61.6	97.9	0.28
8/19/2017	23:20:00	62.3	98	0.28
8/19/2017	23:30:00	61.8	97.9	0.28
8/19/2017	23:40:00	61.7	97.9	0.28
8/19/2017	23:50:00	61.9	98.1	0.28
8/20/2017	0:00:00	61.6	98	0.28
8/20/2017	0:10:00	61.1	98	0
8/20/2017	0:20:00	61.1	98.1	0
8/20/2017	0:30:00	61.2	98.2	0
8/20/2017	0:40:00	61.1	98.2	0
8/20/2017	0:50:00	60.8	98.2	0
8/20/2017	1:00:00	60.6	98.2	0
8/20/2017	1:10:00	60.9	98.3	0
8/20/2017	1:20:00	60.5	98.2	0
8/20/2017	1:30:00	60.8	98.3	0
8/20/2017	1:40:00	61.2	98.4	0
8/20/2017	1:50:00	60.7	98.3	0
8/20/2017	2:00:00	60.8	98.4	0
8/20/2017	2:10:00	60.7	98.4	0
8/20/2017	2:20:00	59.8	98.3	0
8/20/2017	2:30:00	60	98.4	0
8/20/2017	2:40:00	60	98.4	0
8/20/2017	2:50:00	60	98.5	0
8/20/2017	3:00:00	59.7	98.4	0
8/20/2017	3:10:00	59.9	98.5	0
8/20/2017	3:20:00	60	98.6	0
8/20/2017	3:30:00	58.9	98.5	0
8/20/2017	3:40:00	59	98.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/20/2017	3:50:00	59.2	98.6	0
8/20/2017	4:00:00	59.5	98.6	0
8/20/2017	4:10:00	59.6	98.6	0
8/20/2017	4:20:00	59.6	98.6	0
8/20/2017	4:30:00	59.3	98.6	0
8/20/2017	4:40:00	59.5	98.7	0
8/20/2017	4:50:00	59.3	98.6	0
8/20/2017	5:00:00	59.5	98.7	0
8/20/2017	5:10:00	59.7	98.7	0
8/20/2017	5:20:00	59.9	98.7	0
8/20/2017	5:30:00	59.5	98.6	0
8/20/2017	5:40:00	59.4	98.7	0
8/20/2017	5:50:00	59.4	98.7	0
8/20/2017	6:00:00	59.4	98.7	0
8/20/2017	6:10:00	59.1	98.7	0
8/20/2017	6:20:00	59	98.7	0
8/20/2017	6:30:00	59.3	98.7	0
8/20/2017	6:40:00	59	98.7	0
8/20/2017	6:50:00	58.8	98.7	0
8/20/2017	7:00:00	59.4	98.7	0
8/20/2017	7:10:00	59.4	98.7	0
8/20/2017	7:20:00	60	98.7	0
8/20/2017	7:30:00	60.1	98.7	0
8/20/2017	7:40:00	60.5	98.6	0
8/20/2017	7:50:00	61.8	98.6	0
8/20/2017	8:00:00	61.9	98.5	0
8/20/2017	8:10:00	62.1	98.2	0
8/20/2017	8:20:00	61.6	97.4	0
8/20/2017	8:30:00	61.5	94.5	0
8/20/2017	8:40:00	62.1	91.8	0
8/20/2017	8:50:00	64.1	86.3	0
8/20/2017	9:00:00	64.9	85.6	0
8/20/2017	9:10:00	65.5	81.1	0
8/20/2017	9:20:00	65.4	81.1	0
8/20/2017	9:30:00	65.3	79.2	0
8/20/2017	9:40:00	65.8	79.6	0
8/20/2017	9:50:00	66.8	75.1	0
8/20/2017	10:00:00	66.7	75.7	0
8/20/2017	10:10:00	67.6	74.3	0
8/20/2017	10:20:00	67.9	72.8	0
8/20/2017	10:30:00	67.6	73.8	0
8/20/2017	10:40:00	68.8	72.3	0
8/20/2017	10:50:00	69.3	68.5	0
8/20/2017	11:00:00	69.6	70.3	0
8/20/2017	11:10:00	69.4	68	0
8/20/2017	11:20:00	69.8	67.3	0
8/20/2017	11:30:00	70.2	66.7	0
8/20/2017	11:40:00	70.7	66.1	0
8/20/2017	11:50:00	71.4	65.5	0
8/20/2017	12:00:00	71.4	63.7	0
8/20/2017	12:10:00	71	64.4	0
8/20/2017	12:20:00	71.9	63.5	0
8/20/2017	12:30:00	72.3	62.2	0
8/20/2017	12:40:00	72.6	60.2	0
8/20/2017	12:50:00	73	61	0
8/20/2017	13:00:00	73.6	58.9	0
8/20/2017	13:10:00	73.2	58.4	0
8/20/2017	13:20:00	72.7	59.8	0
8/20/2017	13:30:00	73.5	58.6	0
8/20/2017	13:40:00	74.3	57.1	0
8/20/2017	13:50:00	74.1	59.5	0
8/20/2017	14:00:00	72.8	59.6	0
8/20/2017	14:10:00	73.8	59	0
8/20/2017	14:20:00	73.4	59.4	0
8/20/2017	14:30:00	74.4	59.5	0
8/20/2017	14:40:00	74.4	57.9	0
8/20/2017	14:50:00	74.6	58.1	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/20/2017	15:00:00	75.6	57.1	0
8/20/2017	15:10:00	75.1	57.7	0
8/20/2017	15:20:00	75.5	55.3	0
8/20/2017	15:30:00	77.1	56.2	0
8/20/2017	15:40:00	77.1	55.7	0
8/20/2017	15:50:00	76.5	55.1	0
8/20/2017	16:00:00	76.7	55.9	0
8/20/2017	16:10:00	76.6	55.1	0
8/20/2017	16:20:00	76.8	54.7	0
8/20/2017	16:30:00	76.4	56.6	0
8/20/2017	16:40:00	74.6	57.9	0
8/20/2017	16:50:00	72.3	70.2	0
8/20/2017	17:00:00	73.8	71.4	0
8/20/2017	17:10:00	75.6	59	0
8/20/2017	17:20:00	74	63.6	0
8/20/2017	17:30:00	73.6	67.8	0
8/20/2017	17:40:00	74.4	67.3	0
8/20/2017	17:50:00	71.9	71.8	0
8/20/2017	18:00:00	72.4	77.3	0
8/20/2017	18:10:00	71.9	79.3	0
8/20/2017	18:20:00	71.7	79.9	0
8/20/2017	18:30:00	70.4	81.1	0
8/20/2017	18:40:00	70.5	83	0
8/20/2017	18:50:00	69.8	84.7	0
8/20/2017	19:00:00	68.8	86.8	0
8/20/2017	19:10:00	68.3	88.3	0
8/20/2017	19:20:00	67.5	90.5	0
8/20/2017	19:30:00	67	90.7	0
8/20/2017	19:40:00	67.1	90.9	0
8/20/2017	19:50:00	66	92.2	0
8/20/2017	20:00:00	65.4	92.1	0
8/20/2017	20:10:00	64.7	92.7	0
8/20/2017	20:20:00	64.1	92.9	0
8/20/2017	20:30:00	63.8	93.1	0
8/20/2017	20:40:00	63.7	94.2	0
8/20/2017	20:50:00	63.4	94.8	0
8/20/2017	21:00:00	62.7	95	0
8/20/2017	21:10:00	62.7	96	0
8/20/2017	21:20:00	62.7	96.2	0
8/20/2017	21:30:00	61.4	95.8	0
8/20/2017	21:40:00	61.5	96.4	0
8/20/2017	21:50:00	61.5	96.7	0
8/20/2017	22:00:00	61.6	97.1	0
8/20/2017	22:10:00	61.1	97.1	0
8/20/2017	22:20:00	61	97.3	0
8/20/2017	22:30:00	61.1	97.4	0
8/20/2017	22:40:00	60.9	97.5	0
8/20/2017	22:50:00	60.7	97.5	0
8/20/2017	23:00:00	59.3	97.1	0
8/20/2017	23:10:00	59.4	97.5	0
8/20/2017	23:20:00	59.8	97.7	0
8/20/2017	23:30:00	59.8	98	0
8/20/2017	23:40:00	60	97.9	0
8/20/2017	23:50:00	60.5	98.1	0
8/21/2017	0:00:00	60.3	98	0
8/21/2017	0:10:00	60.2	98.1	0
8/21/2017	0:20:00	60.5	98.1	0
8/21/2017	0:30:00	60.5	98.1	0
8/21/2017	0:40:00	60.3	98.1	0
8/21/2017	0:50:00	60.4	98.1	0
8/21/2017	1:00:00	60.6	98.2	0
8/21/2017	1:10:00	60.7	98.2	0
8/21/2017	1:20:00	60.7	98.2	0
8/21/2017	1:30:00	60.8	98.2	0
8/21/2017	1:40:00	60.8	98.2	0
8/21/2017	1:50:00	61.1	98.2	0
8/21/2017	2:00:00	61	98.3	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/21/2017	2:10:00	60.9	98.3	0
8/21/2017	2:20:00	60.8	98.4	0
8/21/2017	2:30:00	60.9	98.4	0
8/21/2017	2:40:00	60.9	98.5	0
8/21/2017	2:50:00	60.8	98.5	0
8/21/2017	3:00:00	61	98.6	0
8/21/2017	3:10:00	60.9	98.6	0
8/21/2017	3:20:00	60.8	98.6	0
8/21/2017	3:30:00	60.6	98.6	0
8/21/2017	3:40:00	60.5	98.6	0
8/21/2017	3:50:00	60.5	98.7	0
8/21/2017	4:00:00	60.5	98.7	0
8/21/2017	4:10:00	60.4	98.7	0
8/21/2017	4:20:00	60.5	98.8	0
8/21/2017	4:30:00	60.3	98.7	0
8/21/2017	4:40:00	60.2	98.8	0
8/21/2017	4:50:00	60.2	98.8	0
8/21/2017	5:00:00	60.2	98.8	0
8/21/2017	5:10:00	60.1	98.8	0
8/21/2017	5:20:00	60	98.8	0
8/21/2017	5:30:00	60	98.8	0
8/21/2017	5:40:00	59.9	98.8	0
8/21/2017	5:50:00	59.9	98.8	0
8/21/2017	6:00:00	59.7	98.8	0
8/21/2017	6:10:00	59.6	98.8	0
8/21/2017	6:20:00	59.5	98.9	0
8/21/2017	6:30:00	59.5	98.9	0
8/21/2017	6:40:00	59.4	98.9	0
8/21/2017	6:50:00	59.4	98.9	0
8/21/2017	7:00:00	59.3	98.9	0
8/21/2017	7:10:00	59.3	98.9	0
8/21/2017	7:20:00	59.1	98.9	0
8/21/2017	7:30:00	59.2	98.8	0
8/21/2017	7:40:00	59	98.9	0
8/21/2017	7:50:00	59	98.9	0
8/21/2017	8:00:00	59.2	98.8	0
8/21/2017	8:10:00	59.2	98.8	0
8/21/2017	8:20:00	59.4	98.8	0
8/21/2017	8:30:00	59.6	98.8	0
8/21/2017	8:40:00	60	98.8	0
8/21/2017	8:50:00	59.8	98.7	0
8/21/2017	9:00:00	59.9	98.7	0
8/21/2017	9:10:00	60.6	98.7	0
8/21/2017	9:20:00	60.6	98.7	0
8/21/2017	9:30:00	61.3	98.5	0
8/21/2017	9:40:00	61.3	98.5	0
8/21/2017	9:50:00	62	98.4	0
8/21/2017	10:00:00	62.1	98.4	0
8/21/2017	10:10:00	63.3	98.2	0
8/21/2017	10:20:00	64.7	97.8	0
8/21/2017	10:30:00	65.3	96	0
8/21/2017	10:40:00	66.2	91.1	0
8/21/2017	10:50:00	69.9	86.5	0
8/21/2017	11:00:00	73	81.6	0
8/21/2017	11:10:00	73.8	78.4	0
8/21/2017	11:20:00	76.3	75.2	0
8/21/2017	11:30:00	77	74.4	0
8/21/2017	11:40:00	78.9	66.2	0
8/21/2017	11:50:00	79	61.3	0
8/21/2017	12:00:00	79.6	62.3	0
8/21/2017	12:10:00	79.6	60.6	0
8/21/2017	12:20:00	79.5	60.3	0
8/21/2017	12:30:00	80.8	59.4	0
8/21/2017	12:40:00	81.3	56.8	0
8/21/2017	12:50:00	79.9	58.1	0
8/21/2017	13:00:00	78.7	62.7	0
8/21/2017	13:10:00	78.2	64.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/21/2017	13:20:00	78.3	63.5	0
8/21/2017	13:30:00	78.3	64.7	0
8/21/2017	13:40:00	77.8	70.1	0
8/21/2017	13:50:00	78.5	66.1	0
8/21/2017	14:00:00	78	67.5	0
8/21/2017	14:10:00	76.5	75.5	0
8/21/2017	14:20:00	74.6	82.5	0
8/21/2017	14:30:00	74.7	84.4	0
8/21/2017	14:40:00	74.1	86	0
8/21/2017	14:50:00	74.1	88.8	0
8/21/2017	15:00:00	73.6	87.9	0
8/21/2017	15:10:00	75.8	82.7	0
8/21/2017	15:20:00	77	79.1	0
8/21/2017	15:30:00	78.5	78.9	0
8/21/2017	15:40:00	80.2	70.5	0
8/21/2017	15:50:00	81.1	67.1	0
8/21/2017	16:00:00	81.4	64.4	0
8/21/2017	16:10:00	81.8	64.2	0
8/21/2017	16:20:00	81.8	63	0
8/21/2017	16:30:00	81.8	63.5	0
8/21/2017	16:40:00	81.7	63.8	0
8/21/2017	16:50:00	82.3	64.2	0
8/21/2017	17:00:00	82.3	64	0
8/21/2017	17:10:00	81.9	63.5	0
8/21/2017	17:20:00	81.2	63.9	0
8/21/2017	17:30:00	76.2	78	0
8/21/2017	17:40:00	74.7	87	0
8/21/2017	17:50:00	74.1	86.7	0
8/21/2017	18:00:00	73.6	90.5	0
8/21/2017	18:10:00	73.2	91.2	0
8/21/2017	18:20:00	73	91.2	0
8/21/2017	18:30:00	72.4	92.1	0
8/21/2017	18:40:00	72.2	93	0
8/21/2017	18:50:00	71.8	93.4	0
8/21/2017	19:00:00	71.7	93.3	0
8/21/2017	19:10:00	71.6	93.8	0
8/21/2017	19:20:00	71.3	93.6	0
8/21/2017	19:30:00	71.6	94	0
8/21/2017	19:40:00	71.8	94.4	0
8/21/2017	19:50:00	71.3	93.7	0
8/21/2017	20:00:00	70.8	94.1	0
8/21/2017	20:10:00	70.9	95.2	0
8/21/2017	20:20:00	70.4	95.5	0
8/21/2017	20:30:00	70	95.7	0
8/21/2017	20:40:00	69	95.8	0
8/21/2017	20:50:00	68.6	96.3	0
8/21/2017	21:00:00	68.7	96.6	0
8/21/2017	21:10:00	68	96.8	0
8/21/2017	21:20:00	67.9	97	0
8/21/2017	21:30:00	67.4	97	0
8/21/2017	21:40:00	67.2	97.1	0
8/21/2017	21:50:00	66.5	97	0
8/21/2017	22:00:00	66.7	97.5	0
8/21/2017	22:10:00	66.6	97.4	0
8/21/2017	22:20:00	66	97.3	0
8/21/2017	22:30:00	66	97.6	0
8/21/2017	22:40:00	65.9	97.8	0
8/21/2017	22:50:00	65.2	97.5	0
8/21/2017	23:00:00	65.1	97.7	0
8/21/2017	23:10:00	64.5	97.6	0
8/21/2017	23:20:00	65	97.9	0
8/21/2017	23:30:00	65.2	98.1	0
8/21/2017	23:40:00	65.4	98.1	0
8/21/2017	23:50:00	65.4	98.1	0
8/22/2017	0:00:00	65.6	98.2	0
8/22/2017	0:10:00	65.3	98.2	0
8/22/2017	0:20:00	64.9	98.1	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/22/2017	0:30:00	64.4	98.1	0
8/22/2017	0:40:00	64.7	98.2	0
8/22/2017	0:50:00	64.8	98.3	0
8/22/2017	1:00:00	64.6	98.3	0
8/22/2017	1:10:00	64.9	98.4	0
8/22/2017	1:20:00	64.8	98.4	0
8/22/2017	1:30:00	64.7	98.4	0
8/22/2017	1:40:00	64.8	98.4	0
8/22/2017	1:50:00	64.6	98.4	0
8/22/2017	2:00:00	64.6	98.4	0
8/22/2017	2:10:00	64.5	98.4	0
8/22/2017	2:20:00	64.3	98.5	0
8/22/2017	2:30:00	64.4	98.5	0
8/22/2017	2:40:00	64.3	98.5	0
8/22/2017	2:50:00	64.3	98.6	0
8/22/2017	3:00:00	64.3	98.6	0
8/22/2017	3:10:00	64.3	98.6	0
8/22/2017	3:20:00	64.3	98.6	0
8/22/2017	3:30:00	64.4	98.6	0
8/22/2017	3:40:00	64	98.6	0
8/22/2017	3:50:00	64.1	98.7	0
8/22/2017	4:00:00	64.1	98.7	0
8/22/2017	4:10:00	64.1	98.7	0
8/22/2017	4:20:00	64.1	98.7	0
8/22/2017	4:30:00	63.5	98.6	0
8/22/2017	4:40:00	64	98.7	0
8/22/2017	4:50:00	63.9	98.7	0
8/22/2017	5:00:00	63.9	98.7	0
8/22/2017	5:10:00	63.6	98.7	0
8/22/2017	5:20:00	63.7	98.7	0
8/22/2017	5:30:00	63.7	98.7	0
8/22/2017	5:40:00	63.7	98.7	0
8/22/2017	5:50:00	63.8	98.8	0.14
8/22/2017	6:00:00	63.7	98.8	0.22
8/22/2017	6:10:00	63.9	98.8	0.22
8/22/2017	6:20:00	63.8	98.8	0.22
8/22/2017	6:30:00	63.4	98.7	0.22
8/22/2017	6:40:00	63.3	98.8	0.22
8/22/2017	6:50:00	63.6	98.8	0.22
8/22/2017	7:00:00	63.6	98.8	0.22
8/22/2017	7:10:00	63.3	98.8	0.22
8/22/2017	7:20:00	64.1	98.8	0.22
8/22/2017	7:30:00	64.5	98.8	0.22
8/22/2017	7:40:00	64.8	98.8	0.22
8/22/2017	7:50:00	64.9	98.7	0.22
8/22/2017	8:00:00	65.1	98.7	0.22
8/22/2017	8:10:00	65.4	98.7	0.22
8/22/2017	8:20:00	65.7	98.7	0.22
8/22/2017	8:30:00	65.9	98.6	0.22
8/22/2017	8:40:00	66.3	98.6	0.22
8/22/2017	8:50:00	66.3	98.5	0.22
8/22/2017	9:00:00	66.7	98.5	0.22
8/22/2017	9:10:00	67.2	98.3	0.22
8/22/2017	9:20:00	67.8	98.1	0.22
8/22/2017	9:30:00	68.4	97.2	0.22
8/22/2017	9:40:00	68.9	95.4	0.22
8/22/2017	9:50:00	71.1	91.5	0.22
8/22/2017	10:00:00	72.9	89.2	0.22
8/22/2017	10:10:00	74.5	86.6	0.22
8/22/2017	10:20:00	76.4	85.1	0.22
8/22/2017	10:30:00	77.5	82.3	0.22
8/22/2017	10:40:00	78.5	81.9	0.22
8/22/2017	10:50:00	79.1	78.3	0.22
8/22/2017	11:00:00	80	74.1	0.22
8/22/2017	11:10:00	80	72.4	0.22
8/22/2017	11:20:00	79.9	71.7	0.22
8/22/2017	11:30:00	81.5	69.3	0.22

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/22/2017	11:40:00	82.3	66.3	0.22
8/22/2017	11:50:00	83.4	64.5	0.22
8/22/2017	12:00:00	83.4	64.3	0.22
8/22/2017	12:10:00	83	62.3	0.22
8/22/2017	12:20:00	83.3	63.2	0.22
8/22/2017	12:30:00	83.8	61.7	0.22
8/22/2017	12:40:00	83.3	59.8	0.22
8/22/2017	12:50:00	83.9	60	0.22
8/22/2017	13:00:00	84.3	58.2	0.22
8/22/2017	13:10:00	83.5	58.7	0.22
8/22/2017	13:20:00	84.4	58.1	0.22
8/22/2017	13:30:00	83.4	58.1	0.22
8/22/2017	13:40:00	83.6	59	0.22
8/22/2017	13:50:00	84.8	55.4	0.22
8/22/2017	14:00:00	84.8	54.2	0.22
8/22/2017	14:10:00	84.6	55.6	0.22
8/22/2017	14:20:00	84.9	55.1	0.22
8/22/2017	14:30:00	84.5	53.9	0.22
8/22/2017	14:40:00	84.8	54.6	0.22
8/22/2017	14:50:00	85.2	54.4	0.22
8/22/2017	15:00:00	84.2	53.2	0.22
8/22/2017	15:10:00	84.7	54.1	0.22
8/22/2017	15:20:00	84.4	54.1	0.22
8/22/2017	15:30:00	84.7	55.5	0.22
8/22/2017	15:40:00	85.1	52.3	0.22
8/22/2017	15:50:00	85.3	50.8	0.22
8/22/2017	16:00:00	85.2	50	0.22
8/22/2017	16:10:00	85.6	48.2	0.22
8/22/2017	16:20:00	84.5	49.7	0.22
8/22/2017	16:30:00	83.8	52.2	0.22
8/22/2017	16:40:00	83.5	53.9	0.22
8/22/2017	16:50:00	83.1	54.6	0.22
8/22/2017	17:00:00	82.7	54.5	0.22
8/22/2017	17:10:00	82.7	55.1	0.22
8/22/2017	17:20:00	82.2	56.6	0.22
8/22/2017	17:30:00	80.8	59.5	0.22
8/22/2017	17:40:00	79.8	63	0.22
8/22/2017	17:50:00	80.9	59.8	0.22
8/22/2017	18:00:00	81.4	57.4	0.22
8/22/2017	18:10:00	81.6	56.8	0.22
8/22/2017	18:20:00	80.7	59.5	0.22
8/22/2017	18:30:00	79.6	63.4	0.22
8/22/2017	18:40:00	79.1	66	0.22
8/22/2017	18:50:00	78.7	66.8	0.22
8/22/2017	19:00:00	76	75	0.24
8/22/2017	19:10:00	73.1	86.9	0.39
8/22/2017	19:20:00	71.5	94.2	0.44
8/22/2017	19:30:00	71.7	94.6	0.44
8/22/2017	19:40:00	70.9	95.9	0.44
8/22/2017	19:50:00	70.7	96.6	0.44
8/22/2017	20:00:00	70.8	97.1	0.44
8/22/2017	20:10:00	70.6	97.2	0.54
8/22/2017	20:20:00	70.6	97.2	0.54
8/22/2017	20:30:00	70.9	97.2	0.62
8/22/2017	20:40:00	71.1	96.7	0.87
8/22/2017	20:50:00	71	96.3	0.96
8/22/2017	21:00:00	71.2	96.3	0.97
8/22/2017	21:10:00	71.4	95.7	0.97
8/22/2017	21:20:00	71.2	95.2	0.98
8/22/2017	21:30:00	70.3	96.1	0.98
8/22/2017	21:40:00	70.7	96.4	0.98
8/22/2017	21:50:00	71.3	93.5	0.98
8/22/2017	22:00:00	70.7	92.7	0.98
8/22/2017	22:10:00	69.7	95.6	0.98
8/22/2017	22:20:00	69.5	96.7	0.98
8/22/2017	22:30:00	69.3	97.1	0.98
8/22/2017	22:40:00	69.1	97.4	0.98

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/22/2017	22:50:00	69	97.6	0.98
8/22/2017	23:00:00	69.2	97.8	0.98
8/22/2017	23:10:00	70.1	97.6	0.98
8/22/2017	23:20:00	69.1	97.1	0.98
8/22/2017	23:30:00	68.8	97.4	0.98
8/22/2017	23:40:00	69.1	97.6	0.98
8/22/2017	23:50:00	69.3	97.7	0.98
8/23/2017	0:00:00	69.9	97.3	0.98
8/23/2017	0:10:00	70.1	96.2	0
8/23/2017	0:20:00	69.8	95.4	0
8/23/2017	0:30:00	70	92.4	0
8/23/2017	0:40:00	69.8	91.6	0
8/23/2017	0:50:00	69.8	91.1	0
8/23/2017	1:00:00	69.5	90.3	0
8/23/2017	1:10:00	69.2	91.6	0
8/23/2017	1:20:00	68.9	92.1	0
8/23/2017	1:30:00	69.2	90.5	0
8/23/2017	1:40:00	68.2	92.7	0.01
8/23/2017	1:50:00	68.2	91	0.13
8/23/2017	2:00:00	67.4	94.2	0.14
8/23/2017	2:10:00	67.4	94.3	0.15
8/23/2017	2:20:00	67.2	92.8	0.15
8/23/2017	2:30:00	66.4	94.4	0.15
8/23/2017	2:40:00	66.9	92.7	0.16
8/23/2017	2:50:00	66.3	93.5	0.16
8/23/2017	3:00:00	66.2	92.3	0.16
8/23/2017	3:10:00	65.8	90.1	0.16
8/23/2017	3:20:00	65.4	91	0.16
8/23/2017	3:30:00	65.2	88.5	0.16
8/23/2017	3:40:00	64.8	89.2	0.16
8/23/2017	3:50:00	64.8	87.4	0.16
8/23/2017	4:00:00	64.5	87	0.16
8/23/2017	4:10:00	63.5	91.6	0.16
8/23/2017	4:20:00	64	88.5	0.16
8/23/2017	4:30:00	63.2	88.9	0.16
8/23/2017	4:40:00	62.7	89.3	0.16
8/23/2017	4:50:00	62.6	86.4	0.16
8/23/2017	5:00:00	61.6	89	0.16
8/23/2017	5:10:00	60.2	94	0.16
8/23/2017	5:20:00	60.6	94.2	0.16
8/23/2017	5:30:00	59.6	94.7	0.16
8/23/2017	5:40:00	59.3	95.9	0.16
8/23/2017	5:50:00	59.2	96.4	0.16
8/23/2017	6:00:00	59	96.7	0.16
8/23/2017	6:10:00	58.6	96.9	0.16
8/23/2017	6:20:00	58.5	97.1	0.16
8/23/2017	6:30:00	58.2	97.3	0.16
8/23/2017	6:40:00	57.9	97.4	0.16
8/23/2017	6:50:00	57.4	97.6	0.16
8/23/2017	7:00:00	57.4	97.6	0.16
8/23/2017	7:10:00	57.3	97.6	0.16
8/23/2017	7:20:00	57.8	97.7	0.16
8/23/2017	7:30:00	57.8	97.2	0.16
8/23/2017	7:40:00	58.2	97.1	0.16
8/23/2017	7:50:00	58.9	94.9	0.16
8/23/2017	8:00:00	59.5	92.8	0.16
8/23/2017	8:10:00	59.6	93.4	0.16
8/23/2017	8:20:00	59.2	92.3	0.16
8/23/2017	8:30:00	59.6	90.4	0.16
8/23/2017	8:40:00	61.4	86.5	0.16
8/23/2017	8:50:00	62	81	0.16
8/23/2017	9:00:00	62.9	75.2	0.16
8/23/2017	9:10:00	63.4	75.3	0.16
8/23/2017	9:20:00	63.4	73.5	0.16
8/23/2017	9:30:00	63.9	73.4	0.16
8/23/2017	9:40:00	64.6	71.4	0.16
8/23/2017	9:50:00	65.3	69.2	0.16

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/23/2017	10:00:00	65.9	68.6	0.16
8/23/2017	10:10:00	66.8	68.1	0.16
8/23/2017	10:20:00	66.2	66.4	0.16
8/23/2017	10:30:00	66.4	66.9	0.16
8/23/2017	10:40:00	66.7	64.9	0.16
8/23/2017	10:50:00	66.3	65.5	0.16
8/23/2017	11:00:00	67.7	63.7	0.16
8/23/2017	11:10:00	67.6	65.1	0.16
8/23/2017	11:20:00	68.5	60.7	0.16
8/23/2017	11:30:00	69	60.5	0.16
8/23/2017	11:40:00	67.9	59.7	0.16
8/23/2017	11:50:00	68.5	60.6	0.16
8/23/2017	12:00:00	68.4	60.8	0.16
8/23/2017	12:10:00	68.4	57.1	0.16
8/23/2017	12:20:00	67.4	59.6	0.16
8/23/2017	12:30:00	69.8	57.8	0.16
8/23/2017	12:40:00	67.7	57.5	0.16
8/23/2017	12:50:00	70.3	54.8	0.16
8/23/2017	13:00:00	70.6	54.4	0.16
8/23/2017	13:10:00	71.2	50.9	0.16
8/23/2017	13:20:00	70.5	53.1	0.16
8/23/2017	13:30:00	70.7	51.5	0.16
8/23/2017	13:40:00	69.3	52.8	0.16
8/23/2017	13:50:00	69.8	55.2	0.16
8/23/2017	14:00:00	70.5	52.7	0.16
8/23/2017	14:10:00	69.1	54.2	0.16
8/23/2017	14:20:00	68.7	56.9	0.16
8/23/2017	14:30:00	69	56.1	0.16
8/23/2017	14:40:00	69.5	56.8	0.16
8/23/2017	14:50:00	69.5	55.7	0.16
8/23/2017	15:00:00	71.5	52.6	0.16
8/23/2017	15:10:00	70.7	52.4	0.16
8/23/2017	15:20:00	70.7	50.4	0.16
8/23/2017	15:30:00	71.6	50.2	0.16
8/23/2017	15:40:00	72.5	51.5	0.16
8/23/2017	15:50:00	72.8	50.2	0.16
8/23/2017	16:00:00	71.2	49	0.16
8/23/2017	16:10:00	71.8	52.4	0.16
8/23/2017	16:20:00	70.2	49.9	0.16
8/23/2017	16:30:00	69.3	56.5	0.16
8/23/2017	16:40:00	71.3	54.3	0.16
8/23/2017	16:50:00	71.7	52.4	0.16
8/23/2017	17:00:00	71.4	48.6	0.16
8/23/2017	17:10:00	71.5	50.8	0.16
8/23/2017	17:20:00	70.1	55.3	0.16
8/23/2017	17:30:00	71.3	52	0.16
8/23/2017	17:40:00	70.4	56.1	0.16
8/23/2017	17:50:00	70.2	58.9	0.16
8/23/2017	18:00:00	68.1	64.8	0.16
8/23/2017	18:10:00	67.5	69.9	0.16
8/23/2017	18:20:00	66.2	76.2	0.16
8/23/2017	18:30:00	64.6	80.6	0.16
8/23/2017	18:40:00	64.5	80.1	0.16
8/23/2017	18:50:00	63.8	82.6	0.16
8/23/2017	19:00:00	63	83.3	0.16
8/23/2017	19:10:00	62.5	87.2	0.16
8/23/2017	19:20:00	62	87.8	0.16
8/23/2017	19:30:00	61.6	88.4	0.16
8/23/2017	19:40:00	60.5	90.3	0.16
8/23/2017	19:50:00	59.8	91.2	0.16
8/23/2017	20:00:00	59.4	90.7	0.16
8/23/2017	20:10:00	58.7	92	0.16
8/23/2017	20:20:00	57.4	92.4	0.16
8/23/2017	20:30:00	57.7	94.6	0.16
8/23/2017	20:40:00	57.4	94.6	0.16
8/23/2017	20:50:00	57.1	94.7	0.16
8/23/2017	21:00:00	57.2	95.1	0.16

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/23/2017	21:10:00	57.3	95.4	0.16
8/23/2017	21:20:00	56.9	95.4	0.16
8/23/2017	21:30:00	56.9	95.5	0.16
8/23/2017	21:40:00	56.7	95.5	0.16
8/23/2017	21:50:00	57	95.9	0.16
8/23/2017	22:00:00	56.4	95.6	0.16
8/23/2017	22:10:00	56.7	96.2	0.16
8/23/2017	22:20:00	56.4	96.2	0.16
8/23/2017	22:30:00	55.9	96.6	0.16
8/23/2017	22:40:00	56.9	96.8	0.16
8/23/2017	22:50:00	56.9	95.3	0.16
8/23/2017	23:00:00	56.2	95.1	0.16
8/23/2017	23:10:00	55.8	95.7	0.16
8/23/2017	23:20:00	55.4	96.2	0.16
8/23/2017	23:30:00	54.6	96.1	0.16
8/23/2017	23:40:00	55.2	97	0.16
8/23/2017	23:50:00	54.9	97	0.16
8/24/2017	0:00:00	54.5	97.1	0.16
8/24/2017	0:10:00	54.3	97.3	0
8/24/2017	0:20:00	54.2	97.5	0
8/24/2017	0:30:00	53.9	97.5	0
8/24/2017	0:40:00	53.7	97.6	0
8/24/2017	0:50:00	53.7	97.7	0
8/24/2017	1:00:00	52.8	97.4	0
8/24/2017	1:10:00	52.9	97.8	0
8/24/2017	1:20:00	52.6	97.7	0
8/24/2017	1:30:00	52.9	97.9	0
8/24/2017	1:40:00	52.5	97.9	0
8/24/2017	1:50:00	53.5	98.2	0
8/24/2017	2:00:00	53.6	98.2	0
8/24/2017	2:10:00	53.6	98.1	0
8/24/2017	2:20:00	53.6	98.1	0
8/24/2017	2:30:00	53.4	98.1	0
8/24/2017	2:40:00	53.1	98	0
8/24/2017	2:50:00	52.7	97.7	0
8/24/2017	3:00:00	52	97.8	0
8/24/2017	3:10:00	52.2	98.2	0
8/24/2017	3:20:00	52.3	98.2	0
8/24/2017	3:30:00	52.3	98.3	0
8/24/2017	3:40:00	52.1	98.3	0
8/24/2017	3:50:00	52	98.3	0
8/24/2017	4:00:00	51.3	98.1	0
8/24/2017	4:10:00	51	98.1	0
8/24/2017	4:20:00	50.8	98.2	0
8/24/2017	4:30:00	51.1	98.3	0
8/24/2017	4:40:00	51.1	98.4	0
8/24/2017	4:50:00	51	98.4	0
8/24/2017	5:00:00	51.3	98.5	0
8/24/2017	5:10:00	51.3	98.5	0
8/24/2017	5:20:00	51.4	98.5	0
8/24/2017	5:30:00	51.5	98.6	0
8/24/2017	5:40:00	51.5	98.6	0
8/24/2017	5:50:00	51.4	98.6	0
8/24/2017	6:00:00	51.3	98.7	0
8/24/2017	6:10:00	51.5	98.7	0
8/24/2017	6:20:00	51.4	98.8	0
8/24/2017	6:30:00	51.3	98.7	0
8/24/2017	6:40:00	50.9	98.7	0
8/24/2017	6:50:00	50.8	98.8	0
8/24/2017	7:00:00	50.7	98.8	0
8/24/2017	7:10:00	50.8	98.8	0
8/24/2017	7:20:00	51	98.8	0
8/24/2017	7:30:00	51.3	98.9	0
8/24/2017	7:40:00	51.3	98.8	0
8/24/2017	7:50:00	51.4	98.8	0
8/24/2017	8:00:00	51.8	98.8	0
8/24/2017	8:10:00	51.8	98.7	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/24/2017	8:20:00	52.3	98.8	0
8/24/2017	8:30:00	52.7	98.8	0
8/24/2017	8:40:00	53.4	98.8	0
8/24/2017	8:50:00	53.4	98.7	0
8/24/2017	9:00:00	53.7	98.7	0
8/24/2017	9:10:00	54.2	98.6	0
8/24/2017	9:20:00	54.7	98.4	0
8/24/2017	9:30:00	56.1	98.3	0
8/24/2017	9:40:00	57.4	97.9	0
8/24/2017	9:50:00	58.1	95.7	0
8/24/2017	10:00:00	57.9	83.8	0
8/24/2017	10:10:00	57.8	73.5	0
8/24/2017	10:20:00	57.9	64.4	0
8/24/2017	10:30:00	63.7	60.7	0
8/24/2017	10:40:00	64.1	59.5	0
8/24/2017	10:50:00	64.5	59.7	0
8/24/2017	11:00:00	64.7	59.9	0
8/24/2017	11:10:00	65	56.9	0
8/24/2017	11:20:00	66	58	0
8/24/2017	11:30:00	65.9	58.3	0
8/24/2017	11:40:00	66.3	58.8	0
8/24/2017	11:50:00	66.4	55.9	0
8/24/2017	12:00:00	66.5	56.4	0
8/24/2017	12:10:00	65.9	57	0
8/24/2017	12:20:00	67.6	55.7	0
8/24/2017	12:30:00	65.9	57.5	0
8/24/2017	12:40:00	67.7	53.8	0
8/24/2017	12:50:00	68.4	55.6	0
8/24/2017	13:00:00	66.9	57.6	0
8/24/2017	13:10:00	68	57.2	0
8/24/2017	13:20:00	67.3	52.7	0
8/24/2017	13:30:00	68.7	52.9	0
8/24/2017	13:40:00	69.8	51.2	0
8/24/2017	13:50:00	68.7	52.1	0
8/24/2017	14:00:00	68.9	54.8	0
8/24/2017	14:10:00	69.4	49.7	0
8/24/2017	14:20:00	70	51.5	0
8/24/2017	14:30:00	68.6	51.8	0
8/24/2017	14:40:00	67.1	56.7	0
8/24/2017	14:50:00	69.9	53.5	0
8/24/2017	15:00:00	69.2	46.3	0
8/24/2017	15:10:00	67.8	52.4	0
8/24/2017	15:20:00	70.3	51.9	0
8/24/2017	15:30:00	70.5	51.8	0
8/24/2017	15:40:00	71.1	51.4	0
8/24/2017	15:50:00	70.7	51.5	0
8/24/2017	16:00:00	70.4	47.9	0
8/24/2017	16:10:00	70.2	48.7	0
8/24/2017	16:20:00	70.2	47.2	0
8/24/2017	16:30:00	70.4	49.1	0
8/24/2017	16:40:00	70.2	50.2	0
8/24/2017	16:50:00	69.8	48.8	0
8/24/2017	17:00:00	68.9	53.8	0
8/24/2017	17:10:00	69.9	48.6	0
8/24/2017	17:20:00	69.7	48	0
8/24/2017	17:30:00	69.8	51.3	0
8/24/2017	17:40:00	67.7	52.7	0
8/24/2017	17:50:00	67.8	61.1	0
8/24/2017	18:00:00	67.3	63.6	0
8/24/2017	18:10:00	66.9	65.4	0
8/24/2017	18:20:00	66.8	66.1	0
8/24/2017	18:30:00	65.4	67.1	0
8/24/2017	18:40:00	64.9	69.2	0
8/24/2017	18:50:00	65.7	66.8	0
8/24/2017	19:00:00	64.9	67.9	0
8/24/2017	19:10:00	64.2	70.1	0
8/24/2017	19:20:00	62.7	75.5	0

Date	Time (all)	Temperature [F]	Relative Humidity [%]	Precipitation DST [in]
8/24/2017	19:30:00	61.5	77.3	0
8/24/2017	19:40:00	60.7	80.9	0
8/24/2017	19:50:00	60	84.2	0
8/24/2017	20:00:00	59.2	86.1	0
8/24/2017	20:10:00	58.1	86.9	0
8/24/2017	20:20:00	58	89	0
8/24/2017	20:30:00	56.9	90.3	0
8/24/2017	20:40:00	56.4	91.5	0
8/24/2017	20:50:00	56.2	92.9	0
8/24/2017	21:00:00	56.2	93.2	0
8/24/2017	21:10:00	56.2	93.1	0
8/24/2017	21:20:00	55.3	93.5	0
8/24/2017	21:30:00	55.5	94.5	0
8/24/2017	21:40:00	55.5	94.6	0
8/24/2017	21:50:00	56.1	94.8	0
8/24/2017	22:00:00	55.9	93.3	0
8/24/2017	22:10:00	56.4	93.7	0
8/24/2017	22:20:00	55.9	93.5	0
8/24/2017	22:30:00	56	93.9	0
8/24/2017	22:40:00	56	93.8	0
8/24/2017	22:50:00	56.1	94	0
8/24/2017	23:00:00	56.1	94.1	0
8/24/2017	23:10:00	55.9	93.7	0
8/24/2017	23:20:00	56	94.7	0
8/24/2017	23:30:00	56.1	94.9	0
8/24/2017	23:40:00	55.6	94.8	0
8/24/2017	23:50:00	56.1	94.6	0

Appendix D
Detailed Sound Model Input Information

Table D-1: Point Sources in the Cadna/A Model - GE Turbine Option

Name	ID	Relative Source Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Source Height
			X	Y	Z
		(m)	(m)	(m)	(m)
GE 3.8-137	1	131	335112.4	235192.1	681.0
GE 3.8-137	3	131	335943.9	233843.8	670.8
GE 3.8-137	4	131	335256.1	234317.4	691.0
GE 3.8-137	5	131	334636.1	231791.4	691.0
GE 3.8-137	6	131	334182.6	231696.9	691.0
GE 3.8-137	7	131	334090.3	230672.4	711.0
GE 3.8-137	10	131	336474.9	230837.1	656.2
GE 3.8-137	11	131	337183.1	231269.1	641.0
GE 3.8-137	13	131	337104.9	234248.6	691.0
GE 3.8-137	14	131	338716.8	234797.7	731.0
GE 3.8-137	15	131	338614.0	233977.3	714.2
GE 3.8-137	16	131	339185.9	232808.2	721.0
GE 3.8-137	19	131	339034.3	233543.9	689.2
GE 3.8-137	20	131	339939.8	233931.6	717.9
GE 3.8-137	21	131	339000.0	234259.6	741.0
GE 3.8-137	22	131	339690.6	234320.3	741.0
GE 3.8-137	23	131	338576.9	235276.4	711.0
GE 3.8-137	24	131	340524.2	232998.1	681.0
GE 3.8-137	25	131	342203.8	232478.9	671.0
GE 3.8-137	26	131	342330.2	233584.3	711.0
GE 3.8-137	27	131	343438.8	235312.6	731.0
GE 3.8-137	28	131	337356.9	233817.4	690.5
GE 3.8-137	29	131	342574.8	235144.0	700.2
GE 3.8-137	30	131	344103.8	234897.8	697.2
GE 3.8-137	31	131	343174.3	234160.9	721.0
GE 3.8-137	32	131	343472.5	235773.1	711.0
GE 3.8-137	33	131	342907.1	233690.5	686.4
GE 3.8-137	34	131	343544.7	232713.7	720.1
GE 3.8-137	35	131	344283.2	231929.0	691.0
GE 3.8-137	36	131	336606.7	234976.1	681.0
GE 3.8-137	37	131	334577.3	230326.8	681.0
GE 3.8-137	38	131	337816.3	230607.6	661.0
GE 3.8-137	40	131	343546.7	233298.1	711.0
Collector Substation	Substation	4	343979.3	235720.5	524.2
Battery Storage Container	Container1	3.5	344000.3	235743.4	519.9
Battery Storage Container	Container2	3.5	344004.2	235745.7	519.3
Battery Storage Container	Container3	3.5	344008.0	235747.8	518.7
Battery Storage Container	Container4	3.5	344011.8	235749.9	518.1
Battery Storage Container	Container5	3.5	344004.4	235736.4	519.6
Battery Storage Container	Container6	3.5	344008.3	235738.5	519.0
Battery Storage Container	Container7	3.5	344012.1	235741.0	518.4
Battery Storage Container	Container8	3.5	344015.7	235743.0	517.8
Battery Storage Container	Container9	3.5	344008.5	235729.3	519.4
Battery Storage Container	Container10	3.5	344012.4	235731.6	518.8
Battery Storage Container	Container11	3.5	344016.3	235733.7	518.1
Battery Storage Container	Container12	3.5	344019.9	235735.8	517.5
Battery Storage Container	Container13	3.5	344024.0	235729.1	517.2
Battery Storage Container	Container14	3.5	344020.2	235726.8	517.9
Battery Storage Container	Container15	3.5	344016.3	235724.5	518.5
Battery Storage Container	Container16	3.5	344012.6	235722.4	519.1
Auxilary Transformer	AuxT	2.5	344002.4	235728.3	519.3
Battery Storage HVAC	HVAC1	3.5	344000.3	235743.4	519.9
Battery Storage HVAC	HVAC2	3.5	344004.2	235745.7	519.3
Battery Storage HVAC	HVAC3	3.5	344008.0	235747.8	518.7
Battery Storage HVAC	HVAC4	3.5	344011.8	235749.9	518.1
Battery Storage HVAC	HVAC5	3.5	344004.4	235736.4	519.6
Battery Storage HVAC	HVAC6	3.5	344008.3	235738.5	519.0
Battery Storage HVAC	HVAC7	3.5	344012.1	235741.0	518.4
Battery Storage HVAC	HVAC8	3.5	344015.7	235743.0	517.8
Battery Storage HVAC	HVAC9	3.5	344008.5	235729.3	519.4
Battery Storage HVAC	HVAC10	3.5	344012.4	235731.6	518.8
Battery Storage HVAC	HVAC11	3.5	344016.3	235733.7	518.1
Battery Storage HVAC	HVAC12	3.5	344019.9	235735.8	517.5
Battery Storage HVAC	HVAC13	3.5	344024.0	235729.1	517.2
Battery Storage HVAC	HVAC14	3.5	344020.2	235726.8	517.9
Battery Storage HVAC	HVAC15	3.5	344016.3	235724.5	518.5
Battery Storage HVAC	HVAC16	3.5	344012.6	235722.4	519.1

Table D-2: Point Sources in the Cadna/A Model - Vestas Turbine Option

Name	ID	Relative Source Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Source Height
			X	Y	Z
		(m)	(m)	(m)	(m)
V150-4.2	1	130	335112.4	235192.1	680.0
V150-4.2	3	130	335943.9	233843.8	669.8
V150-4.2	4	130	335256.1	234317.4	690.0
V150-4.2	5	130	334636.1	231791.4	690.0
V150-4.2	6	130	334182.6	231696.9	690.0
V150-4.2	7	130	334090.3	230672.4	710.0
V150-4.2	10	130	336474.9	230837.1	655.2
V150-4.2	11	130	337183.1	231269.1	640.0
V150-4.2	13	130	337104.9	234248.6	690.0
V150-4.2	14	130	338716.8	234797.7	730.0
V150-4.2	15	130	338614.0	233977.3	713.2
V150-4.2	16	130	339185.9	232808.2	720.0
V150-4.2	19	130	339034.3	233543.9	688.2
V150-4.2	20	130	339939.8	233931.6	716.9
V150-4.2	21	130	339000.0	234259.6	740.0
V150-4.2	22	130	339690.6	234320.3	740.0
V150-4.2	23	130	338576.9	235276.4	710.0
V150-4.2	24	130	340524.2	232998.1	680.0
V150-4.2	25	130	342203.8	232478.9	670.0
V150-4.2	26	130	342330.2	233584.3	710.0
V150-4.2	27	130	343438.8	235312.6	730.0
V150-4.2	28	130	337356.9	233817.4	689.5
V150-4.2	29	130	342574.8	235144.0	699.2
V150-4.2	30	130	344103.8	234897.8	696.2
V150-4.2	31	130	343174.3	234160.9	720.0
V150-4.2	32	130	343472.5	235773.1	710.0
V150-4.2	33	130	342907.1	233690.5	685.4
V150-4.2	34	130	343544.7	232713.7	719.1
V150-4.2	35	130	344283.2	231929.0	690.0
V150-4.2	36	130	336606.7	234976.1	680.0
V150-4.2	37	130	334577.3	230326.8	680.0
V150-4.2	38	130	337816.3	230607.6	660.0
V150-4.2	40	130	343546.7	233298.1	710.0
Collector Substation	Substation	4	343979.3	235720.5	524.2
Battery Storage Container	Container1	3.5	344000.3	235743.4	519.9
Battery Storage Container	Container2	3.5	344004.2	235745.7	519.3
Battery Storage Container	Container3	3.5	344008.0	235747.8	518.7
Battery Storage Container	Container4	3.5	344011.8	235749.9	518.1
Battery Storage Container	Container5	3.5	344004.4	235736.4	519.6
Battery Storage Container	Container6	3.5	344008.3	235738.5	519.0
Battery Storage Container	Container7	3.5	344012.1	235741.0	518.4
Battery Storage Container	Container8	3.5	344015.7	235743.0	517.8
Battery Storage Container	Container9	3.5	344008.5	235729.3	519.4
Battery Storage Container	Container10	3.5	344012.4	235731.6	518.8
Battery Storage Container	Container11	3.5	344016.3	235733.7	518.1
Battery Storage Container	Container12	3.5	344019.9	235735.8	517.5
Battery Storage Container	Container13	3.5	344024.0	235729.1	517.2
Battery Storage Container	Container14	3.5	344020.2	235726.8	517.9
Battery Storage Container	Container15	3.5	344016.3	235724.5	518.5
Battery Storage Container	Container16	3.5	344012.6	235722.4	519.1
Auxilary Transformer	AuxT	2.5	344002.4	235728.3	519.3
Battery Storage HVAC	HVAC1	3.5	344000.3	235743.4	519.9
Battery Storage HVAC	HVAC2	3.5	344004.2	235745.7	519.3
Battery Storage HVAC	HVAC3	3.5	344008.0	235747.8	518.7
Battery Storage HVAC	HVAC4	3.5	344011.8	235749.9	518.1
Battery Storage HVAC	HVAC5	3.5	344004.4	235736.4	519.6
Battery Storage HVAC	HVAC6	3.5	344008.3	235738.5	519.0
Battery Storage HVAC	HVAC7	3.5	344012.1	235741.0	518.4
Battery Storage HVAC	HVAC8	3.5	344015.7	235743.0	517.8
Battery Storage HVAC	HVAC9	3.5	344008.5	235729.3	519.4
Battery Storage HVAC	HVAC10	3.5	344012.4	235731.6	518.8
Battery Storage HVAC	HVAC11	3.5	344016.3	235733.7	518.1
Battery Storage HVAC	HVAC12	3.5	344019.9	235735.8	517.5
Battery Storage HVAC	HVAC13	3.5	344024.0	235729.1	517.2
Battery Storage HVAC	HVAC14	3.5	344020.2	235726.8	517.9
Battery Storage HVAC	HVAC15	3.5	344016.3	235724.5	518.5
Battery Storage HVAC	HVAC16	3.5	344012.6	235722.4	519.1

Table D-3: Point Sources in the Cadna/A Model - Nordex Turbine Option

Name	ID	Relative Source Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Source Height
			X	Y	Z
		(m)	(m)	(m)	(m)
N149/4500	1	125	335112.4	235192.1	675.0
N149/4500	3	125	335943.9	233843.8	664.8
N149/4500	4	125	335256.1	234317.4	685.0
N149/4500	5	125	334636.1	231791.4	685.0
N149/4500	6	125	334182.6	231696.9	685.0
N149/4500	7	125	334090.3	230672.4	705.0
N149/4500	10	125	336474.9	230837.1	650.2
N149/4500	11	125	337183.1	231269.1	635.0
N149/4500	13	125	337104.9	234248.6	685.0
N149/4500	14	125	338716.8	234797.7	725.0
N149/4500	15	125	338614.0	233977.3	708.2
N149/4500	16	125	339185.9	232808.2	715.0
N149/4500	19	125	339034.3	233543.9	683.2
N149/4500	20	125	339939.8	233931.6	711.9
N149/4500	21	125	339000.0	234259.6	735.0
N149/4500	22	125	339690.6	234320.3	735.0
N149/4500	23	125	338576.9	235276.4	705.0
N149/4500	24	125	340524.2	232998.1	675.0
N149/4500	25	125	342203.8	232478.9	665.0
N149/4500	26	125	342330.2	233584.3	705.0
N149/4500	27	125	343438.8	235312.6	725.0
N149/4500	28	125	337356.9	233817.4	684.5
N149/4500	29	125	342574.8	235144.0	694.2
N149/4500	30	125	344103.8	234897.8	691.2
N149/4500	31	125	343174.3	234160.9	715.0
N149/4500	32	125	343472.5	235773.1	705.0
N149/4500	33	125	342907.1	233690.5	680.4
N149/4500	34	125	343544.7	232713.7	714.1
N149/4500	35	125	344283.2	231929.0	685.0
N149/4500	36	125	336606.7	234976.1	675.0
N149/4500	37	125	334577.3	230326.8	675.0
N149/4500	38	125	337816.3	230607.6	655.0
N149/4500	40	125	343546.7	233298.1	705.0
Collector Substation	Substation	4	343979.3	235720.5	524.2
Battery Storage Container	Container1	3.5	344000.3	235743.4	519.9
Battery Storage Container	Container2	3.5	344004.2	235745.7	519.3
Battery Storage Container	Container3	3.5	344008.0	235747.8	518.7
Battery Storage Container	Container4	3.5	344011.8	235749.9	518.1
Battery Storage Container	Container5	3.5	344004.4	235736.4	519.6
Battery Storage Container	Container6	3.5	344008.3	235738.5	519.0
Battery Storage Container	Container7	3.5	344012.1	235741.0	518.4
Battery Storage Container	Container8	3.5	344015.7	235743.0	517.8
Battery Storage Container	Container9	3.5	344008.5	235729.3	519.4
Battery Storage Container	Container10	3.5	344012.4	235731.6	518.8
Battery Storage Container	Container11	3.5	344016.3	235733.7	518.1
Battery Storage Container	Container12	3.5	344019.9	235735.8	517.5
Battery Storage Container	Container13	3.5	344024.0	235729.1	517.2
Battery Storage Container	Container14	3.5	344020.2	235726.8	517.9
Battery Storage Container	Container15	3.5	344016.3	235724.5	518.5
Battery Storage Container	Container16	3.5	344012.6	235722.4	519.1
Auxilary Transformer	AuxT	2.5	344002.4	235728.3	519.3
Battery Storage HVAC	HVAC1	3.5	344000.3	235743.4	519.9
Battery Storage HVAC	HVAC2	3.5	344004.2	235745.7	519.3
Battery Storage HVAC	HVAC3	3.5	344008.0	235747.8	518.7
Battery Storage HVAC	HVAC4	3.5	344011.8	235749.9	518.1
Battery Storage HVAC	HVAC5	3.5	344004.4	235736.4	519.6
Battery Storage HVAC	HVAC6	3.5	344008.3	235738.5	519.0
Battery Storage HVAC	HVAC7	3.5	344012.1	235741.0	518.4
Battery Storage HVAC	HVAC8	3.5	344015.7	235743.0	517.8
Battery Storage HVAC	HVAC9	3.5	344008.5	235729.3	519.4
Battery Storage HVAC	HVAC10	3.5	344012.4	235731.6	518.8
Battery Storage HVAC	HVAC11	3.5	344016.3	235733.7	518.1
Battery Storage HVAC	HVAC12	3.5	344019.9	235735.8	517.5
Battery Storage HVAC	HVAC13	3.5	344024.0	235729.1	517.2
Battery Storage HVAC	HVAC14	3.5	344020.2	235726.8	517.9
Battery Storage HVAC	HVAC15	3.5	344016.3	235724.5	518.5
Battery Storage HVAC	HVAC16	3.5	344012.6	235722.4	519.1

Table D-4: Point Sources in the Cadna/A Model - Senvion Turbine Option

Name	ID	Relative Source Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Source Height
			X	Y	Z
		(m)	(m)	(m)	(m)
4.2M148	1	130	335112.4	235192.1	680.0
4.2M148	3	130	335943.9	233843.8	669.8
4.2M148	4	130	335256.1	234317.4	690.0
4.2M148	5	130	334636.1	231791.4	690.0
4.2M148	6	130	334182.6	231696.9	690.0
4.2M148	7	130	334090.3	230672.4	710.0
4.2M148	10	130	336474.9	230837.1	655.2
4.2M148	11	130	337183.1	231269.1	640.0
4.2M148	13	130	337104.9	234248.6	690.0
4.2M148	14	130	338716.8	234797.7	730.0
4.2M148	15	130	338614.0	233977.3	713.2
4.2M148	16	130	339185.9	232808.2	720.0
4.2M148	19	130	339034.3	233543.9	688.2
4.2M148	20	130	339939.8	233931.6	716.9
4.2M148	21	130	339000.0	234259.6	740.0
4.2M148	22	130	339690.6	234320.3	740.0
4.2M148	23	130	338576.9	235276.4	710.0
4.2M148	24	130	340524.2	232998.1	680.0
4.2M148	25	130	342203.8	232478.9	670.0
4.2M148	26	130	342330.2	233584.3	710.0
4.2M148	27	130	343438.8	235312.6	730.0
4.2M148	28	130	337356.9	233817.4	689.5
4.2M148	29	130	342574.8	235144.0	699.2
4.2M148	30	130	344103.8	234897.8	696.2
4.2M148	31	130	343174.3	234160.9	720.0
4.2M148	32	130	343472.5	235773.1	710.0
4.2M148	33	130	342907.1	233690.5	685.4
4.2M148	34	130	343544.7	232713.7	719.1
4.2M148	35	130	344283.2	231929.0	690.0
4.2M148	36	130	336606.7	234976.1	680.0
4.2M148	37	130	334577.3	230326.8	680.0
4.2M148	38	130	337816.3	230607.6	660.0
4.2M148	40	130	343546.7	233298.1	710.0
Collector Substation	Substation	4	343979.3	235720.5	524.2
Battery Storage Container	Container1	3.5	344000.3	235743.4	519.9
Battery Storage Container	Container2	3.5	344004.2	235745.7	519.3
Battery Storage Container	Container3	3.5	344008.0	235747.8	518.7
Battery Storage Container	Container4	3.5	344011.8	235749.9	518.1
Battery Storage Container	Container5	3.5	344004.4	235736.4	519.6
Battery Storage Container	Container6	3.5	344008.3	235738.5	519.0
Battery Storage Container	Container7	3.5	344012.1	235741.0	518.4
Battery Storage Container	Container8	3.5	344015.7	235743.0	517.8
Battery Storage Container	Container9	3.5	344008.5	235729.3	519.4
Battery Storage Container	Container10	3.5	344012.4	235731.6	518.8
Battery Storage Container	Container11	3.5	344016.3	235733.7	518.1
Battery Storage Container	Container12	3.5	344019.9	235735.8	517.5
Battery Storage Container	Container13	3.5	344024.0	235729.1	517.2
Battery Storage Container	Container14	3.5	344020.2	235726.8	517.9
Battery Storage Container	Container15	3.5	344016.3	235724.5	518.5
Battery Storage Container	Container16	3.5	344012.6	235722.4	519.1
Auxilary Transformer	AuxT	2.5	344002.4	235728.3	519.3
Battery Storage HVAC	HVAC1	3.5	344000.3	235743.4	519.9
Battery Storage HVAC	HVAC2	3.5	344004.2	235745.7	519.3
Battery Storage HVAC	HVAC3	3.5	344008.0	235747.8	518.7
Battery Storage HVAC	HVAC4	3.5	344011.8	235749.9	518.1
Battery Storage HVAC	HVAC5	3.5	344004.4	235736.4	519.6
Battery Storage HVAC	HVAC6	3.5	344008.3	235738.5	519.0
Battery Storage HVAC	HVAC7	3.5	344012.1	235741.0	518.4
Battery Storage HVAC	HVAC8	3.5	344015.7	235743.0	517.8
Battery Storage HVAC	HVAC9	3.5	344008.5	235729.3	519.4
Battery Storage HVAC	HVAC10	3.5	344012.4	235731.6	518.8
Battery Storage HVAC	HVAC11	3.5	344016.3	235733.7	518.1
Battery Storage HVAC	HVAC12	3.5	344019.9	235735.8	517.5
Battery Storage HVAC	HVAC13	3.5	344024.0	235729.1	517.2
Battery Storage HVAC	HVAC14	3.5	344020.2	235726.8	517.9
Battery Storage HVAC	HVAC15	3.5	344016.3	235724.5	518.5
Battery Storage HVAC	HVAC16	3.5	344012.6	235722.4	519.1

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
7	Non-Participating	Residential -Year-round	1.5	340619.0	230414.7	351.9
8	Non-Participating	Residential -Year-round	1.5	341206.9	231923.6	360.8
9	Non-Participating	Residential -Year-round	1.5	341121.7	232207.2	361.5
10	Participating	Residential -Year-round	1.5	341079.8	233420.4	360.9
11	Non-Participating	Residential -Year-round	1.5	341049.3	233571.2	360.6
12	Non-Participating	Residential -Year-round	1.5	341006.8	234016.5	361.5
13	Non-Participating	Residential -Year-round	1.5	341016.7	234074.6	361.5
14	Non-Participating	Residential -Year-round	1.5	340968.8	234036.1	361.5
15	Non-Participating	Residential -Year-round	1.5	341077.0	234083.3	361.5
16	Non-Participating	Residential -Year-round	1.5	340879.7	234236.9	368.3
17	Non-Participating	Residential -Year-round	1.5	340742.4	234490.2	375.7
18	Non-Participating	Residential -Year-round	1.5	340657.2	234941.4	378.2
19	Non-Participating	Residential -Year-round	1.5	340588.1	234970.6	383.1
20	Non-Participating	Residential -Year-round	1.5	340638.9	235053.4	380.7
21	Non-Participating	Residential -Year-round	1.5	342005.5	235640.1	376.3
22	Non-Participating	Residential -Year-round	1.5	341872.7	235277.6	386.5
23	Non-Participating	Residential -Year-round	1.5	341935.0	235383.3	387.5
24	Non-Participating	Residential -Year-round	1.5	341721.6	235055.0	386.6
25	Non-Participating	Residential -Year-round	1.5	341578.1	234929.8	373.7
26	Non-Participating	Residential -Year-round	1.5	341682.0	234513.4	379.7
27	Non-Participating	Residential -Year-round	1.5	341476.7	234231.7	371.5
28	Non-Participating	Residential -Year-round	1.5	341713.3	234171.5	393.4
29	Non-Participating	Residential -Year-round	1.5	341852.0	234174.3	417.3
30	Non-Participating	Residential -Year-round	1.5	341855.5	234041.2	418.9
31	Non-Participating	Residential -Year-round	1.5	341824.9	233795.0	428.4
32	Non-Participating	Residential -Year-round	1.5	342012.5	233466.7	484.7
33	Participating	Residential - Seasonal	1.5	344177.4	235671.8	498.2
34	Non-Participating	Residential -Year-round	1.5	342654.7	236319.7	392.9
35	Non-Participating	Residential -Year-round	1.5	342599.2	236290.7	387.5
36	Non-Participating	Residential -Year-round	1.5	342784.5	236030.6	448.0
37	Non-Participating	Residential -Year-round	1.5	342658.8	236111.1	423.6
38	Non-Participating	Residential -Year-round	1.5	342520.5	236163.7	399.7
39	Non-Participating	Residential -Year-round	1.5	337948.8	231779.0	421.1
40	Non-Participating	Residential -Year-round	1.5	337786.5	231577.8	459.5
41	Participating	Residential -Year-round	1.5	337895.4	231924.6	417.7
42	Non-Participating	Residential -Year-round	1.5	337793.5	232287.2	419.0
43	Participating	Residential -Year-round	1.5	337831.9	232573.7	420.2
44	Non-Participating	Unknown	1.5	338058.4	232745.5	431.5
45	Non-Participating	Residential -Year-round	1.5	337913.0	232761.4	421.5
46	Non-Participating	Residential -Year-round	1.5	338154.2	232818.7	432.7
47	Participating	Residential -Year-round	1.5	337896.0	233277.2	441.5
48	Participating	Residential -Year-round	1.5	339078.0	235081.2	542.4
49	Non-Participating	Residential - Seasonal	1.5	340323.6	234764.8	424.0
50	Non-Participating	Residential -Year-round	1.5	339469.1	235633.2	503.0
51	Non-Participating	Residential -Year-round	1.5	339271.5	235752.2	512.2

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
52	Non-Participating	Residential -Year-round	1.5	337029.7	233025.3	446.4
53	Participating	Residential -Year-round	1.5	336928.7	233068.7	443.9
54	Participating	Residential -Year-round	1.5	336675.6	233267.5	454.9
55	Participating	Residential -Year-round	1.5	336836.2	233782.1	485.6
56	Participating	Residential -Year-round	1.5	336425.1	233873.5	467.0
57	Participating	Residential -Year-round	1.5	336486.5	234473.3	514.1
58	Participating	Residential -Year-round	1.5	336340.6	234698.0	508.3
59	Non-Participating	Residential - Seasonal	1.5	335666.1	234700.7	531.5
60	Non-Participating	Residential - Seasonal	1.5	333999.2	228981.2	539.3
61	Non-Participating	Residential -Year-round	1.5	333755.6	229734.6	533.4
62	Non-Participating	Residential -Year-round	1.5	333847.3	229373.3	551.8
63	Non-Participating	Residential -Year-round	1.5	335138.9	230556.2	497.3
64	Participating	Residential -Year-round	1.5	334906.4	231392.0	552.6
65	Participating	Residential -Year-round	1.5	334754.5	231361.9	554.5
66	Participating	Residential - Seasonal	1.5	335066.8	231489.1	539.7
67	Non-Participating	Residential -Year-round	1.5	335776.2	231493.7	533.9
68	Participating	Residential -Year-round	1.5	335690.4	231758.9	541.5
69	Participating	Residential - Seasonal	1.5	335688.5	231912.8	543.7
70	Participating	Residential -Year-round	1.5	336191.8	231976.6	544.5
71	Participating	Residential -Year-round	1.5	336177.6	232034.6	546.9
72	Participating	Residential -Year-round	1.5	336211.0	232092.0	546.0
73	Participating	Residential -Year-round	1.5	336308.9	232146.3	544.9
74	Non-Participating	Residential - Seasonal	1.5	336785.3	232180.0	526.7
75	Non-Participating	Residential - Seasonal	1.5	335925.3	229927.9	535.9
76	Non-Participating	Residential -Year-round	1.5	335686.4	229995.8	512.9
77	Non-Participating	Residential -Year-round	1.5	335918.4	229834.9	532.5
78	Non-Participating	Residential -Year-round	1.5	335881.5	229871.2	529.0
79	Non-Participating	Residential -Year-round	1.5	335584.7	230033.9	511.5
80	Non-Participating	Residential -Year-round	1.5	335320.1	230148.4	490.6
81	Non-Participating	Residential -Year-round	1.5	335516.0	230064.5	506.5
82	Non-Participating	Residential -Year-round	1.5	335561.0	230050.9	511.0
83	Non-Participating	Residential -Year-round	1.5	332901.4	231530.7	426.4
84	Non-Participating	Unknown	1.5	337156.0	229781.8	541.2
85	Non-Participating	Residential -Year-round	1.5	337136.6	229633.4	541.5
86	Non-Participating	Residential -Year-round	1.5	336947.7	229755.8	531.5
87	Non-Participating	Residential -Year-round	1.5	336782.7	229699.8	532.0
88	Non-Participating	Residential -Year-round	1.5	336550.9	229807.2	532.5
89	Non-Participating	Residential -Year-round	1.5	336140.6	229704.7	533.3
90	Non-Participating	Residential -Year-round	1.5	336618.4	230128.2	541.5
91	Non-Participating	Residential -Year-round	1.5	336259.6	230212.4	549.4
94	Participating	Residential -Year-round	1.5	336949.9	230606.3	471.5
95	Non-Participating	Residential -Year-round	1.5	338742.1	230940.1	398.3
97	Non-Participating	Residential -Year-round	1.5	337909.2	231706.5	431.0
98	Non-Participating	Residential -Year-round	1.5	338859.1	230498.7	402.2
99	Non-Participating	Residential -Year-round	1.5	336164.2	234962.1	521.8

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
100	Participating	Residential - Seasonal	1.5	339254.0	230673.5	439.4
101	Participating	Residential -Year-round	1.5	337191.4	232831.8	442.9
102	Participating	Residential -Year-round	1.5	335797.2	231375.5	530.2
103	Non-Participating	Residential -Year-round	1.5	332638.0	231353.5	406.6
104	Participating	Residential -Year-round	1.5	335542.5	231879.1	531.5
105	Participating	Residential -Year-round	1.5	335966.9	231754.0	541.5
106	Non-Participating	Residential -Year-round	1.5	345067.5	233458.5	411.0
108	Non-Participating	Residential -Year-round	1.5	344870.7	233176.9	412.0
109	Non-Participating	Residential -Year-round	1.5	334204.0	234688.0	488.5
110	Non-Participating	Residential -Year-round	1.5	344977.8	234726.4	433.6
111	Participating	Residential -Year-round	1.5	334574.1	234626.4	496.1
112	Non-Participating	Residential -Year-round	1.5	334950.4	234608.6	530.5
113	Non-Participating	Residential -Year-round	1.5	334353.0	234690.1	491.4
114	Non-Participating	Residential -Year-round	1.5	344987.9	232865.8	399.5
115	Non-Participating	Residential - Seasonal	1.5	338632.4	232751.6	528.5
116	Participating	Residential -Year-round	1.5	335494.7	234613.4	544.3
117	Participating	Residential -Year-round	1.5	335142.5	234743.1	551.5
118	Non-Participating	Residential -Year-round	1.5	335584.8	234635.8	538.1
120	Non-Participating	Residential -Year-round	1.5	339482.9	234868.5	493.4
121	Non-Participating	Residential -Year-round	1.5	339638.3	234862.6	475.4
122	Non-Participating	Residential -Year-round	1.5	334624.7	234761.3	507.7
123	Non-Participating	Residential -Year-round	1.5	339736.5	234867.5	463.7
124	Non-Participating	Residential -Year-round	1.5	340007.2	234908.6	428.2
125	Non-Participating	Residential -Year-round	1.5	340993.9	234167.7	361.5
126	Non-Participating	Unknown	1.5	340445.0	234817.5	414.0
127	Non-Participating	Residential -Year-round	1.5	340575.5	235607.1	401.5
128	Non-Participating	Residential -Year-round	1.5	342733.6	236815.9	411.5
129	Non-Participating	Residential -Year-round	1.5	345549.5	231489.6	390.0
130	Non-Participating	Residential -Year-round	1.5	345584.6	231404.8	390.3
131	Non-Participating	Residential -Year-round	1.5	345777.4	231603.5	361.8
132	Participating	Residential -Year-round	1.5	343696.1	234679.3	519.3
133	Non-Participating	Residential -Year-round	1.5	343494.7	234880.4	545.6
134	Participating	Residential -Year-round	1.5	343576.5	234704.9	521.5
138	Participating	Residential -Year-round	1.5	343275.3	234590.4	539.7
139	Participating	Residential -Year-round	1.5	342974.9	234623.3	502.6
141	Participating	Residential -Year-round	1.5	342664.9	234396.0	479.6
144	Non-Participating	Residential -Year-round	1.5	341897.8	235318.4	386.2
147	Non-Participating	Residential -Year-round	1.5	340809.2	230238.4	351.6
148	Non-Participating	Residential -Year-round	1.5	341407.6	231202.4	354.2
149	Participating	Residential -Year-round	1.5	341152.1	232004.8	365.0
150	Non-Participating	Residential -Year-round	1.5	340693.2	230535.7	356.0
151	Non-Participating	Residential -Year-round	1.5	341369.5	232973.7	351.5
152	Non-Participating	Residential -Year-round	1.5	340979.6	233862.7	361.5
153	Non-Participating	Residential -Year-round	1.5	341622.8	234658.4	376.1
154	Non-Participating	Residential -Year-round	1.5	341066.4	233017.5	369.6

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
155	Non-Participating	Residential -Year-round	1.5	344029.7	236165.7	529.0
156	Non-Participating	Residential -Year-round	1.5	340482.3	235539.7	401.5
157	Non-Participating	Residential -Year-round	1.5	341100.9	233545.5	358.9
158	Non-Participating	Residential -Year-round	1.5	341305.1	231905.6	355.6
159	Non-Participating	Residential -Year-round	1.5	340812.4	230544.4	349.4
160	Non-Participating	Residential -Year-round	1.5	344541.8	230365.1	415.5
161	Non-Participating	Residential -Year-round	1.5	344255.6	230516.4	423.7
162	Non-Participating	Residential -Year-round	1.5	344372.8	230485.0	411.5
163	Non-Participating	Residential -Year-round	1.5	344320.1	230668.3	425.1
164	Non-Participating	Residential -Year-round	1.5	344140.9	231025.4	452.3
165	Non-Participating	Residential -Year-round	1.5	344075.9	230472.5	446.1
166	Participating	Residential -Year-round	1.5	342332.6	232929.6	531.5
167	Participating	Residential -Year-round	1.5	342671.4	232690.6	501.5
168	Participating	Residential -Year-round	1.5	342938.9	232793.7	513.6
169	Participating	Residential -Year-round	1.5	342808.8	232783.8	503.6
170	Non-Participating	Residential -Year-round	1.5	343477.7	231817.8	516.1
171	Non-Participating	Residential -Year-round	1.5	343202.4	232031.9	531.5
172	Non-Participating	Residential -Year-round	1.5	343761.0	231354.6	489.6
173	Non-Participating	Residential -Year-round	1.5	345188.1	231964.1	401.3
174	Non-Participating	Residential -Year-round	1.5	339852.7	231417.2	487.2
175	Non-Participating	Residential -Year-round	1.5	345180.5	231808.7	412.2
176	Non-Participating	Residential -Year-round	1.5	339966.9	231346.1	472.0
177	Non-Participating	Residential -Year-round	1.5	345414.0	231818.2	384.7
178	Non-Participating	Residential -Year-round	1.5	345012.8	232439.2	389.8
179	Non-Participating	Residential -Year-round	1.5	340385.4	231185.1	440.0
180	Non-Participating	Residential -Year-round	1.5	342956.9	232633.2	508.3
181	Non-Participating	Residential -Year-round	1.5	339045.6	235889.2	522.7
182	Non-Participating	Residential -Year-round	1.5	342898.7	236978.7	414.5
183	Participating	Residential - Seasonal	1.5	338505.6	235812.1	582.3
184	Participating	Unknown	1.5	343055.9	233185.7	522.4
185	Non-Participating	Residential -Year-round	1.5	339315.8	235711.4	511.5
186	Non-Participating	Residential -Year-round	1.5	343327.7	237147.3	457.4
187	Non-Participating	Residential -Year-round	1.5	339354.0	235681.8	508.3
188	Non-Participating	Residential - Seasonal	1.5	339623.5	235375.4	481.5
189	Non-Participating	Residential -Year-round	1.5	345705.7	232523.6	471.5
190	Non-Participating	Residential -Year-round	1.5	345115.7	232546.6	374.2
191	Non-Participating	Residential -Year-round	1.5	345126.0	232273.6	373.9
192	Non-Participating	Residential -Year-round	1.5	345050.6	233066.9	390.4
193	Non-Participating	Residential -Year-round	1.5	345123.9	232842.6	381.5
194	Non-Participating	Residential -Year-round	1.5	335419.2	229176.9	471.5
195	Non-Participating	Residential -Year-round	1.5	335025.8	229302.5	471.5
196	Non-Participating	Residential -Year-round	1.5	334981.1	229083.5	471.5
197	Non-Participating	Residential -Year-round	1.5	333923.5	229248.4	547.2
198	Non-Participating	Residential -Year-round	1.5	332822.7	230403.2	435.0
199	Non-Participating	Residential - Seasonal	1.5	336321.2	232985.8	461.5

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
200	Non-Participating	Unknown	1.5	333525.4	235386.8	420.4
201	Non-Participating	Unknown	1.5	334095.5	235253.7	465.9
202	Non-Participating	Residential - Seasonal	1.5	333769.8	232404.1	456.7
203	Non-Participating	Residential -Year-round	1.5	344516.8	233594.2	441.5
204	Non-Participating	Residential -Year-round	1.5	343744.5	234355.9	498.8
205	Participating	Residential -Year-round	1.5	344029.9	233780.6	484.3
206	Non-Participating	Residential -Year-round	1.5	344602.4	233712.5	441.2
207	Non-Participating	Unknown	1.5	335296.0	235467.5	525.1
208	Non-Participating	Residential -Year-round	1.5	343697.3	234526.9	501.6
209	Non-Participating	Residential - Seasonal	1.5	337327.5	236001.4	554.2
210	Non-Participating	Residential - Seasonal	1.5	337229.5	236055.8	558.4
211	Non-Participating	Unknown	1.5	337104.3	236088.3	552.6
212	Non-Participating	Residential - Seasonal	1.5	337832.6	236097.9	535.4
213	Non-Participating	Residential - Seasonal	1.5	337717.0	236207.3	543.2
214	Non-Participating	Residential - Seasonal	1.5	338026.4	235946.0	550.5
215	Non-Participating	Residential - Seasonal	1.5	332821.9	232514.9	409.6
216	Non-Participating	Residential -Year-round	1.5	335093.9	230425.8	497.4
217	Non-Participating	Residential -Year-round	1.5	335198.9	230232.8	483.5
218	Non-Participating	Residential -Year-round	1.5	335008.7	230661.2	509.1
219	Non-Participating	Residential -Year-round	1.5	335622.7	229966.5	511.5
220	Non-Participating	Residential -Year-round	1.5	337411.6	231725.2	501.5
221	Participating	Residential -Year-round	1.5	342013.5	235093.1	417.4
222	Participating	Residential - Seasonal	1.5	338873.0	232058.6	521.2
223	Non-Participating	Residential - Seasonal	1.5	333795.8	229505.8	554.1
224	Non-Participating	Residential -Year-round	1.5	334970.7	229357.2	472.8
225	Non-Participating	Residential -Year-round	1.5	334891.2	229376.0	473.6
226	Non-Participating	Residential -Year-round	1.5	334882.7	229348.1	471.6
227	Non-Participating	Residential -Year-round	1.5	334857.7	229329.6	471.5
228	Non-Participating	Residential - Seasonal	1.5	333969.2	229358.3	553.9
229	Non-Participating	Residential - Seasonal	1.5	335368.2	229076.4	471.5
230	Non-Participating	Residential -Year-round	1.5	335325.8	229037.3	471.5
231	Non-Participating	Residential -Year-round	1.5	335306.6	229030.7	471.5
232	Non-Participating	Residential - Seasonal	1.5	335276.3	229015.0	471.5
233	Non-Participating	Residential - Seasonal	1.5	335381.1	229089.1	471.5
234	Non-Participating	Residential - Seasonal	1.5	335414.5	229134.4	471.5
235	Non-Participating	Residential - Seasonal	1.5	335585.8	229209.2	487.3
236	Non-Participating	Residential - Seasonal	1.5	335484.6	229197.6	471.5
237	Non-Participating	Residential -Year-round	1.5	335463.1	229190.0	471.5
238	Non-Participating	Residential - Seasonal	1.5	335443.6	229217.8	471.5
239	Non-Participating	Residential - Seasonal	1.5	335444.0	229235.6	471.5
240	Non-Participating	Residential -Year-round	1.5	335487.0	229243.9	471.5
241	Non-Participating	Residential - Seasonal	1.5	335447.9	229262.1	471.5
242	Non-Participating	Residential - Seasonal	1.5	335443.0	229286.2	471.5
243	Non-Participating	Residential - Seasonal	1.5	335431.1	229309.4	471.5
244	Non-Participating	Residential -Year-round	1.5	335425.4	229336.5	471.5

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
245	Non-Participating	Residential -Year-round	1.5	335414.5	229358.7	471.5
246	Non-Participating	Residential - Seasonal	1.5	335408.6	229381.5	471.5
247	Non-Participating	Residential -Year-round	1.5	335445.9	229401.0	471.5
248	Non-Participating	Residential - Seasonal	1.5	335399.2	229408.0	471.5
249	Non-Participating	Residential - Seasonal	1.5	335387.4	229457.3	471.5
250	Non-Participating	Residential - Seasonal	1.5	335201.5	229457.6	471.5
251	Non-Participating	Residential - Seasonal	1.5	335198.6	229438.7	471.5
252	Non-Participating	Residential - Seasonal	1.5	335190.0	229407.9	471.5
253	Non-Participating	Residential - Seasonal	1.5	335187.6	229343.5	471.5
254	Non-Participating	Residential -Year-round	1.5	335181.0	229317.7	471.5
255	Non-Participating	Residential -Year-round	1.5	335181.0	229297.5	471.5
256	Non-Participating	Residential -Year-round	1.5	335153.2	229342.5	471.5
257	Non-Participating	Residential - Seasonal	1.5	335132.1	229473.4	471.5
258	Non-Participating	Residential - Seasonal	1.5	335137.4	229451.6	471.5
259	Non-Participating	Residential - Seasonal	1.5	335125.8	229403.6	471.5
260	Non-Participating	Residential - Seasonal	1.5	335102.0	229412.2	471.8
261	Non-Participating	Residential -Year-round	1.5	335093.7	229465.2	473.4
262	Non-Participating	Residential -Year-round	1.5	335096.0	229370.6	471.5
263	Participating	Residential -Year-round	1.5	336458.2	233835.7	463.7
264	Non-Participating	Residential - Seasonal	1.5	336925.5	233356.5	453.1
265	Participating	Residential -Year-round	1.5	335594.5	231977.3	539.8
266	Participating	Residential -Year-round	1.5	335581.3	231815.3	533.1
267	Participating	Residential -Year-round	1.5	335600.3	231706.0	531.5
268	Participating	Residential - Seasonal	1.5	334575.3	231537.1	558.8
269	Non-Participating	Residential -Year-round	1.5	334981.6	229433.5	476.6
271	Non-Participating	Residential - Seasonal	1.5	335059.8	229472.6	475.1
272	Non-Participating	Residential - Seasonal	1.5	335050.0	229330.0	471.5
273	Non-Participating	Residential -Year-round	1.5	335058.4	229312.9	471.5
274	Non-Participating	Residential -Year-round	1.5	334991.9	229284.8	471.5
275	Non-Participating	Residential -Year-round	1.5	334920.3	229255.0	471.5
276	Non-Participating	Residential -Year-round	1.5	334914.6	229323.1	471.5
277	Non-Participating	Residential - Seasonal	1.5	335011.4	229183.7	471.5
278	Non-Participating	Residential - Seasonal	1.5	334992.0	229180.1	471.5
279	Non-Participating	Residential - Seasonal	1.5	334974.4	229182.3	471.5
280	Non-Participating	Residential -Year-round	1.5	334992.4	229217.0	471.5
281	Non-Participating	Residential - Seasonal	1.5	335020.0	229224.2	471.5
282	Non-Participating	Residential -Year-round	1.5	335079.5	229207.3	471.5
283	Non-Participating	Residential - Seasonal	1.5	335116.4	229263.3	471.5
284	Non-Participating	Residential - Seasonal	1.5	335073.5	229251.3	471.5
285	Non-Participating	Residential - Seasonal	1.5	335069.8	229292.1	471.5
286	Non-Participating	Residential - Seasonal	1.5	335139.2	229215.5	471.5
287	Non-Participating	Residential - Seasonal	1.5	335342.6	229049.6	471.5
288	Non-Participating	Residential - Seasonal	1.5	335293.5	229014.9	471.5
289	Non-Participating	Residential - Seasonal	1.5	337610.8	232421.9	423.6
290	Participating	Residential -Year-round	1.5	336940.2	233497.1	467.5

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
291	Non-Participating	Residential -Year-round	1.5	338860.9	230344.0	386.4
292	Non-Participating	Residential -Year-round	1.5	338925.1	230244.3	380.7
293	Non-Participating	Residential -Year-round	1.5	339141.9	230235.7	385.0
296	Non-Participating	Residential -Year-round	1.5	339239.9	229918.4	389.9
303	Non-Participating	Residential -Year-round	1.5	340627.4	230287.8	346.4
304	Non-Participating	Residential -Year-round	1.5	340531.0	230315.7	351.5
305	Non-Participating	Residential -Year-round	1.5	340588.3	230360.9	351.6
306	Non-Participating	Residential -Year-round	1.5	342938.0	236918.5	416.4
307	Non-Participating	Residential -Year-round	1.5	345406.2	235618.4	493.6
308	Non-Participating	Residential -Year-round	1.5	345292.8	234930.6	466.3
309	Non-Participating	Residential -Year-round	1.5	344892.2	234722.5	431.7
310	Non-Participating	Residential -Year-round	1.5	345045.3	234496.6	426.7
311	Non-Participating	Unknown	1.5	344972.2	233663.8	431.0
312	Non-Participating	Unknown	1.5	344897.1	233619.2	441.2
313	Non-Participating	Residential -Year-round	1.5	344874.7	233150.1	415.3
314	Non-Participating	Residential -Year-round	1.5	344979.4	233176.7	406.1
315	Non-Participating	Residential -Year-round	1.5	345486.6	231384.2	397.0
316	Non-Participating	Residential -Year-round	1.5	345626.4	231266.0	385.2
317	Non-Participating	Residential -Year-round	1.5	345594.0	231344.3	391.4
318	Non-Participating	Residential -Year-round	1.5	345623.7	231092.9	387.1
319	Non-Participating	Residential -Year-round	1.5	344448.6	230384.7	408.7
320	Non-Participating	Residential -Year-round	1.5	343732.0	231504.1	492.1
321	Non-Participating	Residential -Year-round	1.5	343807.3	231352.6	484.5
322	Non-Participating	Residential -Year-round	1.5	343778.3	231423.0	487.5
323	Non-Participating	Residential -Year-round	1.5	343747.5	231400.0	490.1
324	Non-Participating	Residential -Year-round	1.5	338745.2	230705.3	393.7
325	Non-Participating	Residential -Year-round	1.5	345327.7	234867.9	464.8
326	Non-Participating	Residential -Year-round	1.5	345361.8	235096.6	461.0
327	Non-Participating	Residential -Year-round	1.5	345486.9	235529.5	481.5
328	Non-Participating	Residential -Year-round	1.5	345508.1	235479.2	479.7
329	Non-Participating	Residential -Year-round	1.5	345488.2	235645.1	486.4
336	Non-Participating	Residential -Year-round	1.5	344283.2	230858.9	434.6
337	Non-Participating	Residential - Seasonal	1.5	335063.1	229058.6	471.5
338	Non-Participating	Residential - Seasonal	1.5	335076.2	229049.2	471.5
339	Non-Participating	Residential - Seasonal	1.5	335105.1	229033.1	471.5
340	Non-Participating	Residential - Seasonal	1.5	335118.5	229027.9	471.5
341	Non-Participating	Residential - Seasonal	1.5	335141.4	229010.8	471.5
342	Non-Participating	Residential - Seasonal	1.5	335133.9	229020.4	471.5
343	Non-Participating	Residential - Seasonal	1.5	335158.5	229000.8	471.5
344	Non-Participating	Residential -Year-round	1.5	335161.1	228983.2	471.5
345	Non-Participating	Residential -Year-round	1.5	335165.6	228970.6	471.5
347	Participating	Residential -Year-round	1.5	342982.7	232934.9	522.1
348	Non-Participating	Residential - Seasonal	1.5	344422.2	235727.2	488.1
349	Participating	Unknown	1.5	344265.4	235331.5	484.8
350	Non-Participating	Residential -Year-round	1.5	335034.9	229007.6	471.5

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
351	Non-Participating	Residential - Seasonal	1.5	345006.9	233113.2	397.3
353	Non-Participating	Residential -Year-round	1.5	344918.8	234568.0	433.1
354	Non-Participating	Residential -Year-round	1.5	344495.8	233600.4	442.2
355	Non-Participating	Residential -Year-round	1.5	344024.2	233828.8	485.5
356	Participating	Residential -Year-round	1.5	343702.1	234287.7	506.1
357	Participating	Residential -Year-round	1.5	343113.6	234584.8	517.2
360	Non-Participating	Residential -Year-round	1.5	341011.7	234032.9	361.5
361	Non-Participating	Residential -Year-round	1.5	340703.8	234901.0	372.2
362	Participating	Residential -Year-round	1.5	338345.9	233030.4	446.6
363	Participating	Residential -Year-round	1.5	336130.9	234286.3	500.8
364	Non-Participating	Residential -Year-round	1.5	333810.0	229622.0	549.7
365	Non-Participating	Residential - Seasonal	1.5	335449.3	229174.0	471.5
366	Non-Participating	Residential - Seasonal	1.5	334957.4	229211.4	471.5
367	Non-Participating	Residential - Seasonal	1.5	335143.7	229292.0	471.5
368	Non-Participating	Residential -Year-round	1.5	335089.7	229329.5	471.5
369	Non-Participating	Residential -Year-round	1.5	336217.1	229757.6	529.9
370	Non-Participating	Residential - Seasonal	1.5	337013.0	229595.8	534.8
371	Participating	Residential -Year-round	1.5	335656.8	231844.0	541.3
372	Participating	Residential -Year-round	1.5	335654.0	231694.2	533.8
373	Non-Participating	Residential -Year-round	1.5	345194.3	232633.8	381.5
374	Non-Participating	Residential -Year-round	1.5	345441.2	235075.2	453.4
377	Non-Participating	Residential -Year-round	1.5	340416.6	230703.4	400.0
378	Non-Participating	Residential - Seasonal	1.5	337408.8	236027.9	552.3
379	Non-Participating	Residential - Seasonal	1.5	337415.3	236162.7	555.7
380	Non-Participating	Residential - Seasonal	1.5	338243.8	235988.4	567.7
381	Non-Participating	Residential - Seasonal	1.5	338219.9	235798.9	555.3
382	Non-Participating	Residential - Seasonal	1.5	334962.2	229267.8	471.5
385	Non-Participating	Residential - Seasonal	1.5	337015.7	236271.5	561.7
386	Non-Participating	Residential - Seasonal	1.5	337446.9	236180.5	555.3
387	Non-Participating	Residential - Seasonal	1.5	337687.6	236115.8	535.0
388	Non-Participating	Residential -Year-round	1.5	340623.8	234937.3	380.9
389	Non-Participating	Residential -Year-round	1.5	341051.5	234075.5	361.5
390	Participating	Residential - Seasonal	1.5	340833.8	233719.5	399.8
391	Non-Participating	Unknown	1.5	344183.7	230356.8	448.5
392	Participating	Residential -Year-round	1.5	344124.4	235688.4	503.5
393	Participating	Residential -Year-round	1.5	342660.4	232660.6	501.7
394	Non-Participating	Residential -Year-round	1.5	340621.6	234929.1	381.3
395	Non-Participating	Residential -Year-round	1.5	345501.8	235060.1	457.5
400	Non-Participating	Residential - Seasonal	1.5	338199.2	232479.6	435.6
401	Participating	Residential -Year-round	1.5	335656.2	231875.0	541.6
402	Non-Participating	Residential - Seasonal	1.5	335477.5	229219.0	471.5
403	Non-Participating	Residential - Seasonal	1.5	335473.5	229262.1	471.5
404	Non-Participating	Residential - Seasonal	1.5	335268.0	228984.4	471.5
405	Non-Participating	Residential - Seasonal	1.5	335411.5	229146.8	471.5
406	Non-Participating	Residential - Seasonal	1.5	335193.9	229392.4	471.5

Table D-5: Modeling Receptors in the Cadna/A Model

Receptor ID	Participation Status	Receptor Category	Relative Receptor Height	Coordinates NY State Plane NAD83 (meters)		Elevation + Receptor Height
				X	Y	Z
			(m)	(m)	(m)	(m)
407	Non-Participating	Unknown	1.5	344177.6	232529.5	497.1
408	Participating	Unknown	1.5	344054.3	233223.5	529.1
423	Non-Participating	Residential - Seasonal	1.5	335373.5	228881.7	486.9
424	Non-Participating	Residential -Year-round	1.5	335399.1	228865.7	490.7
425	Non-Participating	Residential -Year-round	1.5	335580.0	228817.5	500.8
426	Non-Participating	Residential -Year-round	1.5	335503.2	228822.6	497.1
427	Non-Participating	Residential - Seasonal	1.5	335319.3	228953.7	473.6
428	Non-Participating	Residential -Year-round	1.5	335284.4	228933.0	471.5
429	Non-Participating	Residential - Seasonal	1.5	335223.2	228930.4	471.5
430	Non-Participating	Residential - Seasonal	1.5	335245.6	228965.2	471.5
431	Non-Participating	Residential -Year-round	1.5	335257.5	228973.9	471.5
432	Non-Participating	Residential - Seasonal	1.5	335237.6	228943.0	471.5
422	Non-Participating	Public	1.5	343226.8	237472.5	411.5
419	Non-Participating	Residential - Seasonal	1.5	343238.2	237404.6	417.1
418	Non-Participating	Residential -Year-round	1.5	343027.4	237230.1	408.9
417	Non-Participating	Residential -Year-round	1.5	342982.1	237171.0	410.3
416	Non-Participating	Residential -Year-round	1.5	342904.1	237045.5	413.9
415	Non-Participating	Residential -Year-round	1.5	342699.7	237031.8	411.5
414	Non-Participating	Residential -Year-round	1.5	342436.6	237086.2	390.2
413	Non-Participating	Residential -Year-round	1.5	342550.6	236953.6	403.5
412	Non-Participating	Residential -Year-round	1.5	339678.0	236287.8	422.3
411	Non-Participating	Residential -Year-round	1.5	339596.8	236334.9	419.1
410	Non-Participating	Residential -Year-round	1.5	339182.7	236713.1	416.4
409	Non-Participating	Residential - Seasonal	1.5	338424.0	236725.1	455.1
433	Non-Participating	Residential -Year-round	1.5	335260.0	228881.1	471.5
434	Non-Participating	Residential - Seasonal	1.5	335174.9	228935.6	471.5
435	Non-Participating	Residential - Seasonal	1.5	335455.5	229370.2	471.5
436	Non-Participating	Residential -Year-round	1.5	334845.2	229338.0	471.5
437	Non-Participating	Unknown	1.5	336810.8	235834.8	513.2
438	Non-Participating	Public	1.5	336415.9	236151.5	511.5
439	Non-Participating	Public	1.5	340963.1	233791.2	366.5
440	Non-Participating	Public	1.5	336163.7	232070.2	548.7

Appendix E

Sound Level Modeling Results—Short-term

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
7	Non-Participating	340619.01	230414.74	28	55	50	44	37	31	25	20	2	0	0
8	Non-Participating	341206.90	231923.63	36	61	56	51	42	37	33	32	23	0	0
9	Non-Participating	341121.66	232207.19	37	62	56	51	43	37	34	33	25	0	0
10	Participating	341079.81	233420.36	40	64	59	54	45	40	37	36	29	3	0
11	Non-Participating	341049.27	233571.17	40	64	58	53	45	40	37	36	28	0	0
12	Non-Participating	341006.81	234016.54	39	63	58	53	44	39	36	35	26	0	0
13	Non-Participating	341016.71	234074.59	39	63	58	53	44	39	36	35	25	0	0
14	Non-Participating	340968.84	234036.14	39	63	58	53	45	39	36	35	26	0	0
15	Non-Participating	341076.95	234083.32	39	63	58	53	44	39	36	34	25	0	0
16	Non-Participating	340879.71	234236.86	39	63	58	53	44	39	36	35	26	0	0
17	Non-Participating	340742.44	234490.20	39	63	58	53	44	38	35	34	26	0	0
18	Non-Participating	340657.22	234941.38	38	63	58	53	44	38	35	33	23	0	0
19	Non-Participating	340588.07	234970.56	38	63	57	52	44	38	35	33	24	0	0
20	Non-Participating	340638.92	235053.44	37	62	57	52	43	38	34	33	22	0	0
21	Non-Participating	342005.50	235640.05	38	63	57	52	44	38	35	35	28	0	0
22	Non-Participating	341872.67	235277.59	39	63	58	53	44	39	36	35	28	2	0
23	Non-Participating	341934.99	235383.33	39	63	58	53	44	39	36	35	29	3	0
24	Non-Participating	341721.59	235055.03	39	63	58	53	44	38	35	34	26	0	0
25	Non-Participating	341578.11	234929.83	38	63	58	53	44	38	35	34	24	0	0
26	Non-Participating	341682.02	234513.38	39	63	58	53	44	39	36	35	25	0	0
27	Non-Participating	341476.66	234231.74	38	63	58	53	44	39	36	34	24	0	0
28	Non-Participating	341713.34	234171.52	39	64	58	53	45	39	36	35	27	0	0
29	Non-Participating	341851.95	234174.27	40	64	58	53	45	40	37	36	28	1	0
30	Non-Participating	341855.46	234041.23	40	64	59	54	45	40	37	36	30	5	0
31	Non-Participating	341824.93	233794.99	42	65	59	54	46	41	38	38	32	9	0
32	Non-Participating	342012.49	233466.68	45	67	62	57	49	43	41	41	37	20	0
33	Participating	344177.40	235671.76	48	64	59	56	52	45	46	44	38	28	8
34	Non-Participating	342654.65	236319.69	37	61	56	51	42	37	34	33	25	0	0
35	Non-Participating	342599.16	236290.69	37	61	56	51	42	37	34	33	25	0	0
36	Non-Participating	342784.48	236030.56	40	64	58	53	45	39	37	36	30	3	0
37	Non-Participating	342658.75	236111.13	39	63	57	52	44	38	35	35	28	0	0
38	Non-Participating	342520.52	236163.69	38	62	56	51	43	37	34	34	26	0	0
39	Non-Participating	337948.82	231778.99	39	63	58	53	44	38	35	34	26	0	0
40	Non-Participating	337786.46	231577.83	41	64	59	54	46	40	37	37	31	6	0
41	Participating	337895.35	231924.61	38	63	57	52	44	38	35	34	25	0	0
42	Non-Participating	337793.49	232287.20	38	63	58	53	44	38	35	34	23	0	0
43	Participating	337831.92	232573.72	38	63	58	53	44	39	35	34	23	0	0
44	Non-Participating	338058.38	232745.47	39	64	59	54	45	39	36	35	26	0	0
45	Non-Participating	337913.04	232761.35	39	64	58	53	45	39	36	35	25	0	0
46	Non-Participating	338154.23	232818.74	40	65	59	54	45	40	37	36	27	0	0
47	Participating	337895.97	233277.19	42	65	60	55	46	41	38	38	30	2	0
48	Participating	339078.04	235081.18	46	68	63	58	50	44	42	42	38	17	0
49	Non-Participating	340323.61	234764.77	39	63	57	52	44	39	36	35	28	0	0
50	Non-Participating	339469.06	235633.18	39	64	58	53	44	39	36	35	27	0	0
51	Non-Participating	339271.45	235752.24	40	64	58	53	45	39	36	36	28	0	0
52	Non-Participating	337029.73	233025.30	39	64	58	53	45	39	36	35	27	0	0
53	Participating	336928.74	233068.67	40	64	58	53	45	39	36	36	28	0	0
54	Participating	336675.58	233267.47	41	65	59	54	46	40	37	37	29	0	0
55	Participating	336836.24	233782.14	45	67	62	57	49	43	41	41	36	15	0
56	Participating	336425.06	233873.49	44	67	61	56	48	43	40	40	35	14	0
57	Participating	336486.51	234473.33	45	67	62	57	49	43	41	41	36	14	0
58	Participating	336340.64	234698.00	46	67	62	57	49	43	41	42	37	19	0
59	Non-Participating	335666.14	234700.67	44	67	61	56	48	42	40	40	35	12	0
60	Non-Participating	333999.20	228981.15	33	58	53	47	39	33	30	28	17	0	0
61	Non-Participating	333755.57	229734.57	38	62	57	52	43	37	34	34	26	0	0
62	Non-Participating	333847.32	229373.27	35	59	54	49	40	35	32	31	22	0	0
63	Non-Participating	335138.86	230556.19	42	65	59	54	46	40	38	38	32	9	0
64	Participating	334906.39	231392.04	44	67	61	56	48	42	40	41	36	15	0
65	Participating	334754.48	231361.92	45	67	62	57	49	43	41	42	37	17	0
66	Participating	335066.82	231489.07	43	66	61	56	47	42	39	39	34	13	0
67	Non-Participating	335776.17	231493.65	39	64	59	54	45	39	36	35	27	0	0
68	Participating	335690.38	231758.87	39	64	58	53	44	39	36	35	26	0	0
69	Participating	335688.52	231912.75	38	63	58	52	44	38	35	34	25	0	0
70	Participating	336191.79	231976.63	38	64	58	53	44	38	35	34	24	0	0
71	Participating	336177.55	232034.57	38	64	58	53	44	38	35	34	24	0	0
72	Participating	336211.03	232092.03	38	63	58	53	44	38	35	33	23	0	0
73	Participating	336308.92	232146.29	37	63	58	53	44	38	35	33	23	0	0
74	Non-Participating	336785.25	232179.98	39	64	59	54	44	39	36	34	25	0	0
75	Non-Participating	335925.26	229927.91	36	61	56	51	42	36	33	32	24	0	0
76	Non-Participating	335686.43	229995.80	37	61	56	51	42	37	34	33	24	0	0
77	Non-Participating	335918.39	229834.92	36	61	55	50	42	36	33	32	23	0	0
78	Non-Participating	335881.54	229871.20	36	61	56	50	42	36	33	32	23	0	0
79	Non-Participating	335584.73	230033.94	37	62	56	51	43	37	34	33	25	0	0
80	Non-Participating	335320.05	230148.41	39	63	58	53	44	39	36	36	29	2	0
81	Non-Participating	335515.98	230064.52	38	62	57	52	43	37	35	34	26	0	0
82	Non-Participating	335560.99	230050.90	38	62	57	52	43	37	34	34	25	0	0

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
83	Non-Participating	332901.42	231530.67	35	60	54	49	40	35	32	30	21	0	0
84	Non-Participating	337155.97	229781.81	37	63	57	52	43	37	34	33	25	0	0
85	Non-Participating	337136.59	229633.36	36	62	57	51	42	36	33	32	23	0	0
86	Non-Participating	336947.73	229755.79	37	62	57	52	43	37	34	33	24	0	0
87	Non-Participating	336782.70	229699.82	36	62	56	51	42	36	33	32	23	0	0
88	Non-Participating	336550.90	229807.21	37	61	56	51	42	36	33	33	24	0	0
89	Non-Participating	336140.59	229704.67	35	60	55	50	41	35	32	31	21	0	0
90	Non-Participating	336618.43	230128.16	40	64	59	54	45	39	36	36	30	4	0
91	Non-Participating	336259.64	230212.38	40	64	59	54	45	39	37	37	31	7	0
94	Participating	336949.89	230606.28	44	66	60	55	47	42	40	40	35	13	0
95	Non-Participating	338742.06	230940.07	36	61	55	50	42	36	33	32	24	0	0
97	Non-Participating	337909.23	231706.50	39	63	58	53	44	39	36	35	28	0	0
98	Non-Participating	338859.13	230498.68	35	61	55	50	41	35	32	31	23	0	0
99	Non-Participating	336164.15	234962.10	44	67	61	56	48	43	40	41	36	16	0
100	Participating	339253.95	230673.50	33	58	53	47	40	34	30	28	17	0	0
101	Participating	337191.41	232831.80	39	64	58	53	44	39	36	35	25	0	0
102	Participating	335797.20	231375.53	40	64	59	54	45	39	36	36	28	0	0
103	Non-Participating	332637.99	231353.47	32	57	52	47	38	32	29	27	15	0	0
104	Participating	335542.47	231879.12	39	63	57	52	44	38	36	35	27	0	0
105	Participating	335966.89	231753.98	39	64	59	53	44	39	36	35	25	0	0
106	Non-Participating	345067.46	233458.47	34	59	53	48	40	35	31	29	18	0	0
108	Non-Participating	344870.69	233176.87	33	57	52	46	40	34	30	27	16	0	0
109	Non-Participating	334203.96	234687.99	37	61	56	51	42	36	33	33	25	0	0
110	Non-Participating	344977.78	234726.38	37	60	55	50	42	36	34	33	25	0	0
111	Participating	334574.05	234626.42	40	63	58	53	45	39	37	36	30	4	0
112	Non-Participating	334950.38	234608.63	45	66	61	56	48	42	40	41	37	18	0
113	Non-Participating	334353.04	234690.06	38	62	57	52	43	37	35	34	27	0	0
114	Non-Participating	344987.88	232865.77	34	58	53	48	40	35	31	30	21	0	0
115	Non-Participating	338632.36	232751.57	43	66	61	56	47	42	39	39	33	11	0
116	Participating	335494.72	234613.35	46	68	62	57	50	44	42	42	38	20	0
117	Participating	335142.48	234743.07	46	68	62	57	50	44	42	42	38	19	0
118	Non-Participating	335584.82	234635.80	45	67	62	57	49	43	41	41	36	16	0
120	Non-Participating	339482.91	234868.46	44	67	61	56	48	42	40	40	34	10	0
121	Non-Participating	339638.33	234862.63	43	66	61	56	48	42	40	40	34	10	0
122	Non-Participating	334624.66	234761.27	41	64	58	53	45	39	37	37	32	7	0
123	Non-Participating	339736.51	234867.53	43	66	60	55	47	42	39	39	33	10	0
124	Non-Participating	340007.16	234908.55	41	64	59	54	46	40	37	37	30	4	0
125	Non-Participating	340993.89	234167.74	39	63	58	53	44	39	36	34	25	0	0
126	Non-Participating	340445.02	234817.50	39	64	59	53	45	39	36	35	27	0	0
127	Non-Participating	340575.54	235607.14	35	61	56	50	42	36	32	30	17	0	0
128	Non-Participating	342733.56	236815.89	34	60	54	49	40	35	31	30	20	0	0
129	Non-Participating	345549.53	231489.59	32	58	53	48	39	33	29	28	18	0	0
130	Non-Participating	345584.55	231404.78	32	58	53	47	39	32	29	27	17	0	0
131	Non-Participating	345777.42	231603.52	31	58	52	47	38	32	28	26	15	0	0
132	Participating	343696.12	234679.31	45	67	62	57	49	43	41	41	36	16	0
133	Non-Participating	343494.66	234880.42	45	68	62	57	49	43	41	41	36	14	0
134	Participating	343576.49	234704.89	45	67	62	57	49	43	41	41	35	12	0
138	Participating	343275.28	234590.37	45	68	62	57	49	44	41	42	37	16	0
139	Participating	342974.92	234623.28	45	67	62	57	49	43	41	41	36	14	0
141	Participating	342664.93	234395.97	44	67	62	57	48	43	41	41	35	11	0
144	Non-Participating	341897.78	235318.44	39	63	58	53	44	39	36	35	29	3	0
147	Non-Participating	340809.21	230238.36	28	56	50	45	37	31	25	21	1	0	0
148	Non-Participating	341407.60	231202.37	33	58	53	48	40	34	30	28	16	0	0
149	Participating	341152.14	232004.80	36	61	56	50	42	37	34	32	23	0	0
150	Non-Participating	340693.19	230535.73	28	55	49	44	37	31	26	21	3	0	0
151	Non-Participating	341369.51	232973.70	40	63	58	53	45	39	37	36	28	0	0
152	Non-Participating	340979.59	233862.74	39	64	58	53	45	39	36	35	27	0	0
153	Non-Participating	341622.77	234658.38	38	63	58	53	44	38	35	34	24	0	0
154	Non-Participating	341066.41	233017.48	41	64	59	54	46	40	37	37	32	9	0
155	Non-Participating	344029.65	236165.66	43	63	58	53	47	41	40	39	32	14	0
156	Non-Participating	340482.25	235539.69	35	61	55	50	42	36	32	30	18	0	0
157	Non-Participating	341100.85	233545.46	40	64	58	53	45	39	37	36	28	0	0
158	Non-Participating	341305.07	231905.58	36	61	56	51	42	37	34	32	23	0	0
159	Non-Participating	340812.42	230544.35	29	55	50	45	37	31	26	21	4	0	0
160	Non-Participating	344541.82	230365.07	31	57	51	46	38	31	28	26	14	0	0
161	Non-Participating	344255.60	230516.44	32	58	52	47	39	32	29	27	17	0	0
162	Non-Participating	344372.76	230484.95	31	57	51	46	38	32	28	27	16	0	0
163	Non-Participating	344320.07	230668.28	33	58	53	48	39	33	30	29	19	0	0
164	Non-Participating	344140.90	231025.41	36	60	55	50	41	36	33	32	25	0	0
165	Non-Participating	344075.91	230472.46	32	57	52	47	38	32	29	27	16	0	0
166	Participating	342332.55	232929.63	45	68	62	57	49	43	41	42	37	16	0
167	Participating	342671.36	232690.59	44	67	61	57	48	43	40	41	35	13	0
168	Participating	342938.87	232793.74	44	67	62	57	48	43	41	41	35	10	0
169	Participating	342808.80	232783.79	44	67	61	56	48	43	40	40	34	8	0
170	Non-Participating	343477.72	231817.82	40	64	58	53	45	39	37	36	30	1	0
171	Non-Participating	343202.37	232031.90	41	65	59	54	46	40	37	37	30	2	0

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
172	Non-Participating	343761.03	231354.62	38	62	57	52	43	38	35	35	28	1	0
173	Non-Participating	345188.05	231964.06	36	61	55	50	42	36	33	32	25	0	0
174	Non-Participating	339852.67	231417.16	34	60	55	49	41	35	31	29	17	0	0
175	Non-Participating	345180.52	231808.74	36	60	55	50	41	36	33	32	25	0	0
176	Non-Participating	339966.86	231346.11	33	59	54	49	40	35	31	28	16	0	0
177	Non-Participating	345413.96	231818.19	34	59	54	49	40	34	31	30	21	0	0
178	Non-Participating	345012.80	232439.17	36	59	54	49	41	36	33	32	25	0	0
179	Non-Participating	340385.40	231185.05	32	58	52	47	39	33	29	26	13	0	0
180	Non-Participating	342956.89	232633.22	44	67	61	56	48	42	40	40	34	10	0
181	Non-Participating	339045.58	235889.18	40	64	58	53	45	39	36	36	29	1	0
182	Non-Participating	342898.74	236978.73	33	59	54	49	40	34	31	29	18	0	0
183	Participating	338505.60	235812.05	43	66	60	55	47	41	39	39	34	12	0
184	Participating	343055.87	233185.69	46	69	63	58	50	44	42	43	38	16	0
185	Non-Participating	339315.79	235711.42	40	64	59	53	45	39	36	36	28	0	0
186	Non-Participating	343327.72	237147.27	30	57	51	46	38	32	28	24	12	0	0
187	Non-Participating	339353.98	235681.81	40	64	59	53	45	39	36	36	28	0	0
188	Non-Participating	339623.53	235375.44	40	64	59	54	45	39	37	36	28	0	0
189	Non-Participating	345705.71	232523.62	32	58	53	48	39	33	29	27	15	0	0
190	Non-Participating	345115.72	232546.57	35	58	53	48	40	35	32	31	22	0	0
191	Non-Participating	345125.98	232273.64	36	60	54	49	41	36	33	32	25	0	0
192	Non-Participating	345050.58	233066.89	34	58	53	48	40	35	31	29	18	0	0
193	Non-Participating	345123.85	232842.60	34	58	53	48	40	34	31	29	20	0	0
194	Non-Participating	335419.22	229176.86	33	58	53	48	40	34	30	28	17	0	0
195	Non-Participating	335025.84	229302.51	35	61	55	50	41	35	32	31	22	0	0
196	Non-Participating	334981.10	229083.45	34	60	54	49	40	34	31	29	19	0	0
197	Non-Participating	333923.45	229248.37	34	58	53	48	40	34	31	30	21	0	0
198	Non-Participating	332822.67	230403.22	34	59	54	48	40	34	31	30	20	0	0
199	Non-Participating	336321.22	232985.79	39	63	58	53	44	39	36	35	26	0	0
200	Non-Participating	333525.42	235386.75	30	56	51	46	37	31	28	26	14	0	0
201	Non-Participating	334095.49	235253.68	35	59	53	48	40	35	32	31	23	0	0
202	Non-Participating	333769.80	232404.10	39	62	57	52	43	38	35	35	28	0	0
203	Non-Participating	344516.83	233594.15	36	60	55	50	42	37	33	31	22	0	0
204	Non-Participating	343744.53	234355.93	44	66	61	56	48	42	40	40	34	10	0
205	Participating	344029.89	233780.62	41	64	59	54	46	40	38	37	31	5	0
206	Non-Participating	344602.35	233712.48	37	61	56	51	43	37	34	33	24	0	0
207	Non-Participating	335296.04	235467.48	45	67	61	56	49	43	41	41	38	21	0
208	Non-Participating	343697.30	234526.86	44	67	61	56	48	43	40	41	35	12	0
209	Non-Participating	337327.53	236001.35	37	63	58	52	43	37	34	32	22	0	0
210	Non-Participating	337229.49	236055.82	37	63	57	52	43	37	34	32	21	0	0
211	Non-Participating	337104.28	236088.28	36	62	57	52	43	37	34	32	21	0	0
212	Non-Participating	337832.56	236097.90	37	63	57	52	43	37	34	33	23	0	0
213	Non-Participating	337716.99	236207.28	36	62	57	52	43	37	33	32	21	0	0
214	Non-Participating	338026.44	235945.98	39	64	58	53	44	39	36	35	27	0	0
215	Non-Participating	332821.87	232514.92	32	58	53	48	39	33	29	27	15	0	0
216	Non-Participating	335093.90	230425.80	43	65	60	55	47	41	39	39	34	12	0
217	Non-Participating	335198.91	230232.82	41	64	59	54	45	40	37	37	31	7	0
218	Non-Participating	335008.66	230661.24	43	66	60	55	47	41	39	39	34	12	0
219	Non-Participating	335622.68	229966.54	37	62	57	51	43	37	34	33	24	0	0
220	Non-Participating	337411.59	231725.22	43	66	60	55	47	41	39	39	34	14	0
221	Participating	342013.52	235093.05	41	64	58	53	45	40	37	37	31	9	0
222	Participating	338873.00	232058.55	39	64	58	53	45	39	36	35	27	0	0
223	Non-Participating	333795.83	229505.84	36	61	55	50	41	36	33	32	24	0	0
224	Non-Participating	334970.68	229357.17	36	61	55	50	41	36	33	32	23	0	0
225	Non-Participating	334891.17	229376.02	36	61	56	50	42	36	33	32	24	0	0
226	Non-Participating	334882.71	229348.13	36	61	55	50	41	36	33	32	24	0	0
227	Non-Participating	334857.65	229329.64	36	61	55	50	41	36	33	32	23	0	0
228	Non-Participating	333969.22	229358.27	35	59	54	49	40	35	32	31	23	0	0
229	Non-Participating	335368.15	229076.42	33	59	53	48	40	34	31	28	17	0	0
230	Non-Participating	335325.82	229037.26	33	59	53	48	40	34	30	28	17	0	0
231	Non-Participating	335306.55	229030.72	33	59	53	48	40	34	30	28	17	0	0
232	Non-Participating	335276.28	229015.03	33	59	53	48	39	33	30	28	17	0	0
233	Non-Participating	335381.12	229089.12	33	59	53	48	40	34	30	28	17	0	0
234	Non-Participating	335414.52	229134.43	32	58	53	47	39	33	30	28	17	0	0
235	Non-Participating	335585.84	229209.17	32	58	52	47	39	33	30	27	16	0	0
236	Non-Participating	335484.58	229197.64	33	58	52	47	39	33	30	28	17	0	0
237	Non-Participating	335463.14	229189.99	33	58	53	47	39	33	30	28	17	0	0
238	Non-Participating	335443.62	229217.77	33	58	53	48	39	34	30	28	18	0	0
239	Non-Participating	335443.96	229235.63	33	58	53	48	39	34	30	28	18	0	0
240	Non-Participating	335486.95	229243.90	33	58	53	48	39	34	30	28	17	0	0
241	Non-Participating	335447.92	229262.09	33	58	53	48	39	34	30	29	18	0	0
242	Non-Participating	335442.96	229286.23	33	58	53	48	40	34	30	29	18	0	0
243	Non-Participating	335431.06	229309.38	33	58	53	48	40	34	31	29	19	0	0
244	Non-Participating	335425.43	229336.50	34	59	53	48	40	34	31	29	19	0	0
245	Non-Participating	335414.52	229358.66	34	59	53	48	40	34	31	29	19	0	0
246	Non-Participating	335408.57	229381.48	34	59	53	48	40	34	31	30	20	0	0
247	Non-Participating	335445.94	229401.00	34	59	53	48	40	34	31	29	20	0	0

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
248	Non-Participating	335399.24	229408.04	34	59	53	48	40	34	31	30	20	0	0
249	Non-Participating	335387.44	229457.32	35	60	54	49	41	35	32	31	21	0	0
250	Non-Participating	335201.53	229457.55	36	61	55	50	41	36	33	32	23	0	0
251	Non-Participating	335198.55	229438.70	36	61	55	50	41	36	33	32	23	0	0
252	Non-Participating	335189.95	229407.94	35	60	55	50	41	35	32	31	22	0	0
253	Non-Participating	335187.64	229343.45	35	60	55	49	41	35	32	31	21	0	0
254	Non-Participating	335181.03	229317.65	35	60	54	49	41	35	32	31	21	0	0
255	Non-Participating	335181.03	229297.48	35	60	54	49	41	35	32	30	21	0	0
256	Non-Participating	335153.24	229342.46	35	60	55	50	41	35	32	31	22	0	0
257	Non-Participating	335132.08	229473.43	36	61	56	50	42	36	33	32	24	0	0
258	Non-Participating	335137.37	229451.60	36	61	55	50	42	36	33	32	23	0	0
259	Non-Participating	335125.79	229403.64	36	61	55	50	41	36	33	32	23	0	0
260	Non-Participating	335101.98	229412.24	36	61	55	50	41	36	33	32	23	0	0
261	Non-Participating	335093.71	229465.16	36	61	56	51	42	36	33	32	24	0	0
262	Non-Participating	335096.03	229370.57	36	61	55	50	41	35	32	31	23	0	0
263	Participating	336458.19	233835.69	44	66	61	56	48	42	40	40	35	13	0
264	Non-Participating	336925.47	233356.50	42	65	60	55	46	41	38	38	32	7	0
265	Participating	335594.53	231977.29	38	63	58	53	44	38	35	34	26	0	0
266	Participating	335581.27	231815.28	39	63	57	52	44	38	35	35	26	0	0
267	Participating	335600.26	231705.96	39	63	58	53	44	39	36	35	27	0	0
268	Participating	334575.26	231537.14	49	70	65	60	53	46	45	46	42	27	0
269	Non-Participating	334981.61	229433.51	36	61	56	51	42	36	33	32	24	0	0
271	Non-Participating	335059.75	229472.58	36	61	56	51	42	36	33	32	24	0	0
272	Non-Participating	335050.02	229330.04	35	61	55	50	41	35	32	31	22	0	0
273	Non-Participating	335058.44	229312.88	35	61	55	50	41	35	32	31	22	0	0
274	Non-Participating	334991.91	229284.75	35	60	55	50	41	35	32	31	22	0	0
275	Non-Participating	334920.32	229255.01	35	61	55	50	41	35	32	31	22	0	0
276	Non-Participating	334914.58	229323.11	36	61	55	50	41	36	33	32	23	0	0
277	Non-Participating	335011.36	229183.68	34	60	55	49	41	35	31	30	20	0	0
278	Non-Participating	334992.01	229180.10	34	60	55	50	41	35	31	30	20	0	0
279	Non-Participating	334974.44	229182.25	34	60	55	50	41	35	31	30	20	0	0
280	Non-Participating	334992.36	229217.02	35	60	55	50	41	35	32	30	21	0	0
281	Non-Participating	335019.96	229224.19	35	60	55	50	41	35	32	30	21	0	0
282	Non-Participating	335079.46	229207.34	34	60	54	49	40	35	31	30	20	0	0
283	Non-Participating	335116.38	229263.25	35	60	55	49	41	35	32	30	21	0	0
284	Non-Participating	335073.45	229251.31	35	60	55	50	41	35	32	30	21	0	0
285	Non-Participating	335069.77	229292.06	35	60	55	50	41	35	32	31	22	0	0
286	Non-Participating	335139.17	229215.50	34	60	54	49	40	34	31	30	20	0	0
287	Non-Participating	335342.55	229049.63	33	59	53	48	40	34	30	28	17	0	0
288	Non-Participating	335293.45	229014.86	33	59	53	48	39	33	30	28	16	0	0
289	Non-Participating	337610.78	232421.85	37	62	57	52	43	38	34	32	21	0	0
290	Participating	336940.17	233497.06	43	66	61	56	48	42	40	40	34	12	0
291	Non-Participating	338860.88	230343.97	35	60	54	49	41	35	32	30	22	0	0
292	Non-Participating	338925.12	230244.29	34	59	54	49	40	34	31	30	20	0	0
293	Non-Participating	339141.92	230235.71	32	57	52	47	39	33	29	27	17	0	0
296	Non-Participating	339239.93	229918.40	31	58	52	47	39	32	28	26	14	0	0
303	Non-Participating	340627.37	230287.76	28	56	50	45	37	31	26	21	2	0	0
304	Non-Participating	340531.02	230315.72	28	55	50	45	37	31	25	20	1	0	0
305	Non-Participating	340588.33	230360.86	28	56	50	45	37	31	26	21	2	0	0
306	Non-Participating	342938.03	236918.46	34	59	54	49	40	34	31	29	20	0	0
307	Non-Participating	345406.15	235618.42	28	53	48	42	37	31	26	22	10	0	0
308	Non-Participating	345292.80	234930.55	34	58	53	48	40	34	31	29	20	0	0
309	Non-Participating	344892.19	234722.46	38	61	55	50	43	37	34	34	27	0	0
310	Non-Participating	345045.34	234496.63	36	60	54	49	41	36	33	32	23	0	0
311	Non-Participating	344972.16	233663.75	35	60	55	50	41	36	33	31	20	0	0
312	Non-Participating	344897.12	233619.17	36	61	56	51	42	37	33	32	21	0	0
313	Non-Participating	344874.70	233150.13	34	59	53	48	41	35	32	29	19	0	0
314	Non-Participating	344979.36	233176.72	34	59	54	49	41	35	32	30	18	0	0
315	Non-Participating	345486.60	231384.20	32	58	53	48	39	33	29	28	18	0	0
316	Non-Participating	345626.42	231265.97	31	57	51	46	38	32	28	26	15	0	0
317	Non-Participating	345594.03	231344.33	32	58	52	47	38	32	29	27	16	0	0
318	Non-Participating	345623.65	231092.92	31	57	52	47	38	31	28	26	14	0	0
319	Non-Participating	344448.58	230384.67	31	57	52	46	38	32	28	26	14	0	0
320	Non-Participating	343732.02	231504.09	40	63	57	52	44	38	36	36	30	4	0
321	Non-Participating	343807.33	231352.64	39	62	57	52	43	38	35	35	28	2	0
322	Non-Participating	343778.26	231422.96	39	62	57	52	44	38	36	35	29	4	0
323	Non-Participating	343747.52	231399.98	39	62	57	52	43	38	35	35	28	2	0
324	Non-Participating	338745.15	230705.29	36	61	56	51	42	36	33	32	25	0	0
325	Non-Participating	345327.67	234867.94	35	60	55	50	41	35	32	30	20	0	0
326	Non-Participating	345361.76	235096.64	33	58	53	47	39	34	30	29	19	0	0
327	Non-Participating	345486.92	235529.50	29	55	49	44	37	31	27	23	10	0	0
328	Non-Participating	345508.13	235479.18	31	57	51	46	38	32	29	26	15	0	0
329	Non-Participating	345488.17	235645.09	29	53	48	43	37	31	26	22	9	0	0
336	Non-Participating	344283.22	230858.86	34	59	54	48	40	34	31	30	22	0	0
337	Non-Participating	335063.07	229058.63	34	59	54	49	40	34	31	29	18	0	0
338	Non-Participating	335076.21	229049.17	33	59	54	49	40	34	31	29	18	0	0

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
339	Non-Participating	335105.13	229033.13	33	59	54	49	40	34	30	29	18	0	0
340	Non-Participating	335118.53	229027.88	33	59	54	49	40	34	30	29	18	0	0
341	Non-Participating	335141.40	229010.79	33	59	54	48	40	34	30	28	17	0	0
342	Non-Participating	335133.85	229020.37	33	59	54	49	40	34	30	28	17	0	0
343	Non-Participating	335158.48	229000.81	33	59	54	48	40	34	30	28	17	0	0
344	Non-Participating	335161.11	228983.20	33	59	53	48	40	34	30	28	17	0	0
345	Non-Participating	335165.58	228970.58	33	59	53	48	40	34	30	28	17	0	0
347	Participating	342982.73	232934.90	45	68	62	57	49	43	41	41	36	11	0
348	Non-Participating	344422.24	235727.15	42	62	57	53	46	40	40	38	31	14	0
349	Participating	344265.39	235331.48	44	65	60	55	48	42	41	41	36	16	0
350	Non-Participating	335034.93	229007.57	33	59	54	49	40	34	30	29	18	0	0
351	Non-Participating	345006.87	233113.24	34	59	54	49	41	35	32	29	19	0	0
353	Non-Participating	344918.82	234567.99	37	60	55	50	42	37	34	33	26	0	0
354	Non-Participating	344495.84	233600.35	36	60	55	50	42	37	33	32	22	0	0
355	Non-Participating	344024.23	233828.84	41	64	59	54	46	40	38	37	31	4	0
356	Participating	343702.13	234287.71	44	66	60	55	48	42	40	40	35	12	0
357	Participating	343113.63	234584.82	45	68	62	57	49	44	41	42	37	17	0
360	Non-Participating	341011.74	234032.89	39	63	58	53	44	39	36	35	26	0	0
361	Non-Participating	340703.75	234900.99	38	63	58	52	44	38	35	33	23	0	0
362	Participating	338345.89	233030.41	42	66	60	55	47	41	38	38	30	0	0
363	Participating	336130.87	234286.29	45	67	62	57	49	43	41	41	36	15	0
364	Non-Participating	333810.00	229622.00	37	62	57	51	42	37	34	33	25	0	0
365	Non-Participating	335449.32	229173.95	33	58	52	47	39	33	30	28	17	0	0
366	Non-Participating	334957.44	229211.36	35	60	55	50	41	35	32	30	21	0	0
367	Non-Participating	335143.74	229291.99	35	60	55	49	41	35	32	30	21	0	0
368	Non-Participating	335089.70	229329.51	35	60	55	50	41	35	32	31	22	0	0
369	Non-Participating	336217.08	229757.63	36	60	55	50	41	36	33	32	23	0	0
370	Non-Participating	337013.01	229595.84	36	61	56	51	42	36	33	31	22	0	0
371	Participating	335656.83	231843.96	39	63	58	53	44	38	36	35	26	0	0
372	Participating	335654.04	231694.20	38	63	57	52	44	38	35	34	26	0	0
373	Non-Participating	345194.33	232633.78	35	59	54	49	41	35	32	30	21	0	0
374	Non-Participating	345441.19	235075.17	33	58	52	47	39	33	30	28	18	0	0
377	Non-Participating	340416.62	230703.35	28	54	49	44	37	31	26	21	4	0	0
378	Non-Participating	337408.76	236027.93	37	63	57	52	43	37	34	32	22	0	0
379	Non-Participating	337415.28	236162.68	36	62	57	52	43	37	33	31	20	0	0
380	Non-Participating	338243.81	235988.41	39	64	58	53	45	39	36	35	28	1	0
381	Non-Participating	338219.93	235798.87	41	65	60	55	46	40	38	37	31	8	0
382	Non-Participating	334962.23	229267.84	35	61	55	50	41	35	32	31	22	0	0
385	Non-Participating	337015.73	236271.48	35	61	56	51	42	36	32	31	19	0	0
386	Non-Participating	337446.94	236180.49	36	62	57	52	43	37	33	31	20	0	0
387	Non-Participating	337687.63	236115.76	36	62	57	51	43	37	34	32	22	0	0
388	Non-Participating	340623.75	234937.34	38	63	58	53	44	38	35	34	24	0	0
389	Non-Participating	341051.54	234075.51	39	63	58	53	44	39	36	35	25	0	0
390	Participating	340833.84	233719.46	40	64	59	54	45	40	37	37	29	1	0
391	Non-Participating	344183.74	230356.78	31	57	52	46	38	32	28	26	14	0	0
392	Participating	344124.42	235688.44	50	65	59	57	55	47	49	46	41	33	17
393	Participating	342660.39	232660.56	44	67	61	56	48	43	40	41	35	14	0
394	Non-Participating	340621.60	234929.14	38	63	58	53	44	38	35	34	24	0	0
395	Non-Participating	345501.77	235060.08	33	59	53	48	40	34	30	28	17	0	0
400	Non-Participating	338199.16	232479.56	39	64	58	53	45	39	36	35	25	0	0
401	Participating	335656.19	231874.96	38	63	58	53	44	38	35	34	26	0	0
402	Non-Participating	335477.50	229219.02	33	58	53	47	39	33	30	28	17	0	0
403	Non-Participating	335473.51	229262.07	33	58	53	48	39	34	30	28	18	0	0
404	Non-Participating	335268.04	228984.41	32	59	53	48	39	33	30	28	16	0	0
405	Non-Participating	335411.54	229146.82	33	58	53	47	39	33	30	28	17	0	0
406	Non-Participating	335193.90	229392.40	35	60	55	50	41	35	32	31	22	0	0
407	Non-Participating	344177.55	232529.49	43	65	60	55	47	41	39	39	34	10	0
408	Participating	344054.32	233223.52	43	65	60	55	47	42	39	40	35	13	0
409	Non-Participating	338424.04	236725.09	28	55	49	44	38	31	26	20	3	0	0
410	Non-Participating	339182.66	236713.13	30	56	51	45	38	32	28	23	9	0	0
411	Non-Participating	339596.75	236334.92	28	57	51	46	38	31	25	20	2	0	0
412	Non-Participating	339677.98	236287.76	29	57	52	46	38	32	26	21	4	0	0
413	Non-Participating	342550.55	236953.57	33	59	54	48	40	34	30	28	17	0	0
414	Non-Participating	342436.58	237086.18	32	58	53	48	39	33	29	27	14	0	0
415	Non-Participating	342699.73	237031.77	33	59	54	48	40	34	30	28	17	0	0
416	Non-Participating	342904.14	237045.50	33	59	54	49	40	34	30	28	18	0	0
417	Non-Participating	342982.14	237171.00	32	58	53	48	39	33	29	27	16	0	0
418	Non-Participating	343027.39	237230.08	32	58	53	48	39	33	29	27	15	0	0
419	Non-Participating	343238.22	237404.60	31	57	52	47	38	32	28	25	13	0	0
422	Non-Participating	343226.75	237472.54	30	57	52	46	38	31	27	25	12	0	0
423	Non-Participating	335373.54	228881.72	32	58	53	48	39	33	29	27	14	0	0
424	Non-Participating	335399.08	228865.72	32	58	53	48	39	33	29	27	14	0	0
425	Non-Participating	335580.04	228817.52	31	58	52	47	38	32	28	26	12	0	0
426	Non-Participating	335503.15	228822.61	31	58	52	47	39	32	29	26	13	0	0
427	Non-Participating	335319.25	228953.71	32	58	53	48	39	33	29	27	15	0	0
428	Non-Participating	335284.40	228933.03	32	58	53	48	39	33	29	27	15	0	0

Table E-1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
429	Non-Participating	335223.24	228930.42	33	59	53	48	40	35	31	28	16	0	0
430	Non-Participating	335245.61	228965.24	32	59	53	48	39	33	30	28	16	0	0
431	Non-Participating	335257.51	228973.94	32	59	53	48	39	33	30	28	16	0	0
432	Non-Participating	335237.55	228942.96	33	59	53	48	39	33	30	28	16	0	0
433	Non-Participating	335259.98	228881.12	32	58	53	48	39	33	29	27	15	0	0
434	Non-Participating	335174.94	228935.63	32	59	53	48	39	33	30	28	16	0	0
435	Non-Participating	335455.48	229370.18	34	59	53	48	40	34	31	29	19	0	0
436	Non-Participating	334845.20	229337.96	36	61	55	50	41	36	33	32	24	0	0
437	Non-Participating	336810.77	235834.82	38	62	57	52	43	38	35	34	26	0	0
438	Non-Participating	336415.85	236151.48	36	61	56	51	42	36	33	31	21	0	0
439	Non-Participating	340963.13	233791.22	40	64	58	53	45	39	37	36	27	0	0
440	Non-Participating	336163.73	232070.18	38	64	58	53	44	38	35	34	23	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
392	Participating	344124.42	235688.44	50	65	59	57	55	47	49	46	41	33	17
268	Participating	334575.26	231537.14	49	70	65	60	53	46	45	46	42	27	0
33	Participating	344177.40	235671.76	48	64	59	56	52	45	46	44	38	28	8
184	Participating	343055.87	233185.69	46	69	63	58	50	44	42	43	38	16	0
117	Participating	335142.48	234743.07	46	68	62	57	50	44	42	42	38	19	0
116	Participating	335494.72	234613.35	46	68	62	57	50	44	42	42	38	20	0
48	Participating	339078.04	235081.18	46	68	63	58	50	44	42	42	38	17	0
58	Participating	336340.64	234698.00	46	67	62	57	49	43	41	42	37	19	0
138	Participating	343275.28	234590.37	45	68	62	57	49	44	41	42	37	16	0
357	Participating	343113.63	234584.82	45	68	62	57	49	44	41	42	37	17	0
65	Participating	334754.48	231361.92	45	67	62	57	49	43	41	42	37	17	0
166	Participating	342332.55	232929.63	45	68	62	57	49	43	41	42	37	16	0
32	Non-Participating	342012.49	233466.68	45	67	62	57	49	43	41	41	37	20	0
207	Non-Participating	335296.04	235467.48	45	67	61	56	49	43	41	41	38	21	0
132	Participating	343696.12	234679.31	45	67	62	57	49	43	41	41	36	16	0
133	Non-Participating	343494.66	234880.42	45	68	62	57	49	43	41	41	36	14	0
139	Participating	342974.92	234623.28	45	67	62	57	49	43	41	41	36	14	0
118	Non-Participating	335584.82	234635.80	45	67	62	57	49	43	41	41	36	16	0
347	Participating	342982.73	232934.90	45	68	62	57	49	43	41	41	36	11	0
55	Participating	336836.24	233782.14	45	67	62	57	49	43	41	41	36	15	0
112	Non-Participating	334950.38	234608.63	45	66	61	56	48	42	40	41	37	18	0
57	Participating	336486.51	234473.33	45	67	62	57	49	43	41	41	36	14	0
363	Participating	336130.87	234286.29	45	67	62	57	49	43	41	41	36	15	0
134	Participating	343576.49	234704.89	45	67	62	57	49	43	41	41	35	12	0
349	Participating	344265.39	235331.48	44	65	60	55	48	42	41	41	36	16	0
99	Non-Participating	336164.15	234962.10	44	67	61	56	48	43	40	41	36	16	0
141	Participating	342664.93	234395.97	44	67	62	57	48	43	41	41	35	11	0
393	Participating	342660.39	232660.56	44	67	61	56	48	43	40	41	35	14	0
208	Non-Participating	343697.30	234526.86	44	67	61	56	48	43	40	41	35	12	0
64	Participating	334906.39	231392.04	44	67	61	56	48	42	40	41	36	15	0
167	Participating	342671.36	232690.59	44	67	61	57	48	43	40	41	35	13	0
168	Participating	342938.87	232793.74	44	67	62	57	48	43	41	41	35	10	0
56	Participating	336425.06	233873.49	44	67	61	56	48	43	40	40	35	14	0
120	Non-Participating	339482.91	234868.46	44	67	61	56	48	42	40	40	34	10	0
169	Participating	342808.80	232783.79	44	67	61	56	48	43	40	40	34	8	0
263	Participating	336458.19	233835.69	44	66	61	56	48	42	40	40	35	13	0
59	Non-Participating	335666.14	234700.67	44	67	61	56	48	42	40	40	35	12	0
180	Non-Participating	342956.89	232633.22	44	67	61	56	48	42	40	40	34	10	0
204	Non-Participating	343744.53	234355.93	44	66	61	56	48	42	40	40	34	10	0
356	Participating	343702.13	234287.71	44	66	60	55	48	42	40	40	35	12	0
94	Participating	336949.89	230606.28	44	66	60	55	47	42	40	40	35	13	0
408	Participating	344054.32	233223.52	43	65	60	55	47	42	39	40	35	13	0
121	Non-Participating	339638.33	234862.63	43	66	61	56	48	42	40	40	34	10	0
290	Participating	336940.17	233497.06	43	66	61	56	48	42	40	40	34	12	0
66	Participating	335066.82	231489.07	43	66	61	56	47	42	39	39	34	13	0
123	Non-Participating	339736.51	234867.53	43	66	60	55	47	42	39	39	33	10	0
407	Non-Participating	344177.55	232529.49	43	65	60	55	47	41	39	39	34	10	0
115	Non-Participating	338632.36	232751.57	43	66	61	56	47	42	39	39	33	11	0
220	Non-Participating	337411.59	231725.22	43	66	60	55	47	41	39	39	34	14	0
218	Non-Participating	335008.66	230661.24	43	66	60	55	47	41	39	39	34	12	0
183	Participating	338505.60	235812.05	43	66	60	55	47	41	39	39	34	12	0
155	Non-Participating	344029.65	236165.66	43	63	58	53	47	41	40	39	32	14	0
216	Non-Participating	335093.90	230425.80	43	65	60	55	47	41	39	39	34	12	0
348	Non-Participating	344422.24	235727.15	42	62	57	53	46	40	40	38	31	14	0
264	Non-Participating	336925.47	233356.50	42	65	60	55	46	41	38	38	32	7	0
63	Non-Participating	335138.86	230556.19	42	65	59	54	46	40	38	38	32	9	0
31	Non-Participating	341824.93	233794.99	42	65	59	54	46	41	38	38	32	9	0
362	Participating	338345.89	233030.41	42	66	60	55	47	41	38	38	30	0	0
47	Participating	337895.97	233277.19	42	65	60	55	46	41	38	38	30	2	0
381	Non-Participating	338219.93	235798.87	41	65	60	55	46	40	38	37	31	8	0
205	Participating	344029.89	233780.62	41	64	59	54	46	40	38	37	31	5	0
154	Non-Participating	341066.41	233017.48	41	64	59	54	46	40	37	37	32	9	0
355	Non-Participating	344024.23	233828.84	41	64	59	54	46	40	38	37	31	4	0
122	Non-Participating	334624.66	234761.27	41	64	58	53	45	39	37	37	32	7	0
40	Non-Participating	337786.46	231577.83	41	64	59	54	46	40	37	37	31	6	0
171	Non-Participating	343202.37	232031.90	41	65	59	54	46	40	37	37	30	2	0
217	Non-Participating	335198.91	230232.82	41	64	59	54	45	40	37	37	31	7	0
221	Participating	342013.52	235093.05	41	64	58	53	45	40	37	37	31	9	0
124	Non-Participating	340007.16	234908.55	41	64	59	54	46	40	37	37	30	4	0
54	Participating	336675.58	233267.47	41	65	59	54	46	40	37	37	29	0	0
91	Non-Participating	336259.64	230212.38	40	64	59	54	45	39	37	37	31	7	0
390	Participating	340833.84	233719.46	40	64	59	54	45	40	37	37	29	1	0
10	Participating	341079.81	233420.36	40	64	59	54	45	40	37	36	29	3	0
30	Non-Participating	341855.46	234041.23	40	64	59	54	45	40	37	36	30	5	0
170	Non-Participating	343477.72	231817.82	40	64	58	53	45	39	37	36	30	1	0
36	Non-Participating	342784.48	236030.56	40	64	58	53	45	39	37	36	30	3	0

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
111	Participating	334574.05	234626.42	40	63	58	53	45	39	37	36	30	4	0
11	Non-Participating	341049.27	233571.17	40	64	58	53	45	40	37	36	28	0	0
46	Non-Participating	338154.23	232818.74	40	65	59	54	45	40	37	36	27	0	0
90	Non-Participating	336618.43	230128.16	40	64	59	54	45	39	36	36	30	4	0
188	Non-Participating	339623.53	235375.44	40	64	59	54	45	39	37	36	28	0	0
29	Non-Participating	341851.95	234174.27	40	64	58	53	45	40	37	36	28	1	0
157	Non-Participating	341100.85	233545.46	40	64	58	53	45	39	37	36	28	0	0
151	Non-Participating	341369.51	232973.70	40	63	58	53	45	39	37	36	28	0	0
181	Non-Participating	339045.58	235889.18	40	64	58	53	45	39	36	36	29	1	0
53	Participating	336928.74	233068.67	40	64	58	53	45	39	36	36	28	0	0
102	Participating	335797.20	231375.53	40	64	59	54	45	39	36	36	28	0	0
185	Non-Participating	339315.79	235711.42	40	64	59	53	45	39	36	36	28	0	0
439	Non-Participating	340963.13	233791.22	40	64	58	53	45	39	37	36	27	0	0
51	Non-Participating	339271.45	235752.24	40	64	58	53	45	39	36	36	28	0	0
187	Non-Participating	339353.98	235681.81	40	64	59	53	45	39	36	36	28	0	0
320	Non-Participating	343732.02	231504.09	40	63	57	52	44	38	36	36	30	4	0
52	Non-Participating	337029.73	233025.30	39	64	58	53	45	39	36	35	27	0	0
380	Non-Participating	338243.81	235988.41	39	64	58	53	45	39	36	35	28	1	0
44	Non-Participating	338058.38	232745.47	39	64	59	54	45	39	36	35	26	0	0
80	Non-Participating	335320.05	230148.41	39	63	58	53	44	39	36	36	29	2	0
126	Non-Participating	340445.02	234817.50	39	64	59	53	45	39	36	35	27	0	0
152	Non-Participating	340979.59	233862.74	39	64	58	53	45	39	36	35	27	0	0
23	Non-Participating	341934.99	235383.33	39	63	58	53	44	39	36	35	29	3	0
67	Non-Participating	335776.17	231493.65	39	64	59	54	45	39	36	35	27	0	0
28	Non-Participating	341713.34	234171.52	39	64	58	53	45	39	36	35	27	0	0
22	Non-Participating	341872.67	235277.59	39	63	58	53	44	39	36	35	28	2	0
50	Non-Participating	339469.06	235633.18	39	64	58	53	44	39	36	35	27	0	0
144	Non-Participating	341897.78	235318.44	39	63	58	53	44	39	36	35	29	3	0
97	Non-Participating	337909.23	231706.50	39	63	58	53	44	39	36	35	28	0	0
222	Participating	338873.00	232058.55	39	64	58	53	45	39	36	35	27	0	0
322	Non-Participating	343778.26	231422.96	39	62	57	52	44	38	36	35	29	4	0
14	Non-Participating	340968.84	234036.14	39	63	58	53	45	39	36	35	26	0	0
49	Non-Participating	340323.61	234764.77	39	63	57	52	44	39	36	35	28	0	0
12	Non-Participating	341006.81	234016.54	39	63	58	53	44	39	36	35	26	0	0
45	Non-Participating	337913.04	232761.35	39	64	58	53	45	39	36	35	25	0	0
267	Participating	335600.26	231705.96	39	63	58	53	44	39	36	35	27	0	0
214	Non-Participating	338026.44	235945.98	39	64	58	53	44	39	36	35	27	0	0
360	Non-Participating	341011.74	234032.89	39	63	58	53	44	39	36	35	26	0	0
16	Non-Participating	340879.71	234236.86	39	63	58	53	44	39	36	35	26	0	0
26	Non-Participating	341682.02	234513.38	39	63	58	53	44	39	36	35	25	0	0
13	Non-Participating	341016.71	234074.59	39	63	58	53	44	39	36	35	25	0	0
68	Participating	335690.38	231758.87	39	64	58	53	44	39	36	35	26	0	0
323	Non-Participating	343747.52	231399.98	39	62	57	52	43	38	35	35	28	2	0
400	Non-Participating	338199.16	232479.56	39	64	58	53	45	39	36	35	25	0	0
37	Non-Participating	342658.75	236111.13	39	63	57	52	44	38	35	35	28	0	0
389	Non-Participating	341051.54	234075.51	39	63	58	53	44	39	36	35	25	0	0
101	Participating	337191.41	232831.80	39	64	58	53	44	39	36	35	25	0	0
104	Participating	335542.47	231879.12	39	63	57	52	44	38	36	35	27	0	0
105	Participating	335966.89	231753.98	39	64	59	53	44	39	36	35	25	0	0
199	Non-Participating	336321.22	232985.79	39	63	58	53	44	39	36	35	26	0	0
371	Participating	335656.83	231843.96	39	63	58	53	44	38	36	35	26	0	0
15	Non-Participating	341076.95	234083.32	39	63	58	53	44	39	36	34	25	0	0
125	Non-Participating	340993.89	234167.74	39	63	58	53	44	39	36	34	25	0	0
17	Non-Participating	340742.44	234490.20	39	63	58	53	44	38	35	34	26	0	0
24	Non-Participating	341721.59	235055.03	39	63	58	53	44	38	35	34	26	0	0
39	Non-Participating	337948.82	231778.99	39	63	58	53	44	38	35	34	26	0	0
74	Non-Participating	336785.25	232179.98	39	64	59	54	44	39	36	34	25	0	0
202	Non-Participating	333769.80	232404.10	39	62	57	52	43	38	35	35	28	0	0
266	Participating	335581.27	231815.28	39	63	57	52	44	38	35	35	26	0	0
321	Non-Participating	343807.33	231352.64	39	62	57	52	43	38	35	35	28	2	0
21	Non-Participating	342005.50	235640.05	38	63	57	52	44	38	35	35	28	0	0
401	Participating	335656.19	231874.96	38	63	58	53	44	38	35	34	26	0	0
265	Participating	335594.53	231977.29	38	63	58	53	44	38	35	34	26	0	0
372	Participating	335654.04	231694.20	38	63	57	52	44	38	35	34	26	0	0
27	Non-Participating	341476.66	234231.74	38	63	58	53	44	39	36	34	24	0	0
172	Non-Participating	343761.03	231354.62	38	62	57	52	43	38	35	35	28	1	0
43	Participating	337831.92	232573.72	38	63	58	53	44	39	35	34	23	0	0
69	Participating	335688.52	231912.75	38	63	58	52	44	38	35	34	25	0	0
153	Non-Participating	341622.77	234658.38	38	63	58	53	44	38	35	34	24	0	0
41	Participating	337895.35	231924.61	38	63	57	52	44	38	35	34	25	0	0
70	Participating	336191.79	231976.63	38	64	58	53	44	38	35	34	24	0	0
113	Non-Participating	334353.04	234690.06	38	62	57	52	43	37	35	34	27	0	0
71	Participating	336177.55	232034.57	38	64	58	53	44	38	35	34	24	0	0
42	Non-Participating	337793.49	232287.20	38	63	58	53	44	38	35	34	23	0	0
388	Non-Participating	340623.75	234937.34	38	63	58	53	44	38	35	34	24	0	0
394	Non-Participating	340621.60	234929.14	38	63	58	53	44	38	35	34	24	0	0

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
25	Non-Participating	341578.11	234929.83	38	63	58	53	44	38	35	34	24	0	0
437	Non-Participating	336810.77	235834.82	38	62	57	52	43	38	35	34	26	0	0
440	Non-Participating	336163.73	232070.18	38	64	58	53	44	38	35	34	23	0	0
18	Non-Participating	340657.22	234941.38	38	63	58	53	44	38	35	33	23	0	0
19	Non-Participating	340588.07	234970.56	38	63	57	52	44	38	35	33	24	0	0
61	Non-Participating	333755.57	229734.57	38	62	57	52	43	37	34	34	26	0	0
72	Participating	336211.03	232092.03	38	63	58	53	44	38	35	33	23	0	0
81	Non-Participating	335515.98	230064.52	38	62	57	52	43	37	35	34	26	0	0
361	Non-Participating	340703.75	234900.99	38	63	58	52	44	38	35	33	23	0	0
38	Non-Participating	342520.52	236163.69	38	62	56	51	43	37	34	34	26	0	0
309	Non-Participating	344892.19	234722.46	38	61	55	50	43	37	34	34	27	0	0
82	Non-Participating	335560.99	230050.90	38	62	57	52	43	37	34	34	25	0	0
9	Non-Participating	341121.66	232207.19	37	62	56	51	43	37	34	33	25	0	0
73	Participating	336308.92	232146.29	37	63	58	53	44	38	35	33	23	0	0
79	Non-Participating	335584.73	230033.94	37	62	56	51	43	37	34	33	25	0	0
20	Non-Participating	340638.92	235053.44	37	62	57	52	43	38	34	33	22	0	0
84	Non-Participating	337155.97	229781.81	37	63	57	52	43	37	34	33	25	0	0
212	Non-Participating	337832.56	236097.90	37	63	57	52	43	37	34	33	23	0	0
219	Non-Participating	335622.68	229966.54	37	62	57	51	43	37	34	33	24	0	0
364	Non-Participating	333810.00	229622.00	37	62	57	51	42	37	34	33	25	0	0
34	Non-Participating	342654.65	236319.69	37	61	56	51	42	37	34	33	25	0	0
353	Non-Participating	344918.82	234567.99	37	60	55	50	42	37	34	33	26	0	0
206	Non-Participating	344602.35	233712.48	37	61	56	51	43	37	34	33	24	0	0
35	Non-Participating	342599.16	236290.69	37	61	56	51	42	37	34	33	25	0	0
209	Non-Participating	337327.53	236001.35	37	63	58	52	43	37	34	32	22	0	0
289	Non-Participating	337610.78	232421.85	37	62	57	52	43	38	34	32	21	0	0
76	Non-Participating	335686.43	229995.80	37	61	56	51	42	37	34	33	24	0	0
110	Non-Participating	344977.78	234726.38	37	60	55	50	42	36	34	33	25	0	0
378	Non-Participating	337408.76	236027.93	37	63	57	52	43	37	34	32	22	0	0
86	Non-Participating	336947.73	229755.79	37	62	57	52	43	37	34	33	24	0	0
109	Non-Participating	334203.96	234687.99	37	61	56	51	42	36	33	33	25	0	0
210	Non-Participating	337229.49	236055.82	37	63	57	52	43	37	34	32	21	0	0
88	Non-Participating	336550.90	229807.21	37	61	56	51	42	36	33	33	24	0	0
75	Non-Participating	335925.26	229927.91	36	61	56	51	42	36	33	32	24	0	0
149	Participating	341152.14	232004.80	36	61	56	50	42	37	34	32	23	0	0
158	Non-Participating	341305.07	231905.58	36	61	56	51	42	37	34	32	23	0	0
269	Non-Participating	334981.61	229433.51	36	61	56	51	42	36	33	32	24	0	0
271	Non-Participating	335059.75	229472.58	36	61	56	51	42	36	33	32	24	0	0
324	Non-Participating	338745.15	230705.29	36	61	56	51	42	36	33	32	25	0	0
387	Non-Participating	337687.63	236115.76	36	62	57	51	43	37	34	32	22	0	0
211	Non-Participating	337104.28	236088.28	36	62	57	52	43	37	34	32	21	0	0
95	Non-Participating	338742.06	230940.07	36	61	55	50	42	36	33	32	24	0	0
8	Non-Participating	341206.90	231923.63	36	61	56	51	42	37	33	32	23	0	0
312	Non-Participating	344897.12	233619.17	36	61	56	51	42	37	33	32	21	0	0
87	Non-Participating	336782.70	229699.82	36	62	56	51	42	36	33	32	23	0	0
173	Non-Participating	345188.05	231964.06	36	61	55	50	42	36	33	32	25	0	0
213	Non-Participating	337716.99	236207.28	36	62	57	52	43	37	33	32	21	0	0
261	Non-Participating	335093.71	229465.16	36	61	56	51	42	36	33	32	24	0	0
164	Non-Participating	344140.90	231025.41	36	60	55	50	41	36	33	32	25	0	0
175	Non-Participating	345180.52	231808.74	36	60	55	50	41	36	33	32	25	0	0
225	Non-Participating	334891.17	229376.02	36	61	56	50	42	36	33	32	24	0	0
257	Non-Participating	335132.08	229473.43	36	61	56	50	42	36	33	32	24	0	0
354	Non-Participating	344495.84	233600.35	36	60	55	50	42	37	33	32	22	0	0
379	Non-Participating	337415.28	236162.68	36	62	57	52	43	37	33	31	20	0	0
78	Non-Participating	335881.54	229871.20	36	61	56	50	42	36	33	32	23	0	0
85	Non-Participating	337136.59	229633.36	36	62	57	51	42	36	33	32	23	0	0
178	Non-Participating	345012.80	232439.17	36	59	54	49	41	36	33	32	25	0	0
191	Non-Participating	345125.98	232273.64	36	60	54	49	41	36	33	32	25	0	0
386	Non-Participating	337446.94	236180.49	36	62	57	52	43	37	33	31	20	0	0
203	Non-Participating	344516.83	233594.15	36	60	55	50	42	37	33	31	22	0	0
438	Non-Participating	336415.85	236151.48	36	61	56	51	42	36	33	31	21	0	0
223	Non-Participating	333795.83	229505.84	36	61	55	50	41	36	33	32	24	0	0
226	Non-Participating	334882.71	229348.13	36	61	55	50	41	36	33	32	24	0	0
258	Non-Participating	335137.37	229451.60	36	61	55	50	42	36	33	32	23	0	0
436	Non-Participating	334845.20	229337.96	36	61	55	50	41	36	33	32	24	0	0
77	Non-Participating	335918.39	229834.92	36	61	55	50	42	36	33	32	23	0	0
227	Non-Participating	334857.65	229329.64	36	61	55	50	41	36	33	32	23	0	0
260	Non-Participating	335101.98	229412.24	36	61	55	50	41	36	33	32	23	0	0
310	Non-Participating	345045.34	234496.63	36	60	54	49	41	36	33	32	23	0	0
224	Non-Participating	334970.68	229357.17	36	61	55	50	41	36	33	32	23	0	0
250	Non-Participating	335201.53	229457.55	36	61	55	50	41	36	33	32	23	0	0
251	Non-Participating	335198.55	229438.70	36	61	55	50	41	36	33	32	23	0	0
259	Non-Participating	335125.79	229403.64	36	61	55	50	41	36	33	32	23	0	0
276	Non-Participating	334914.58	229323.11	36	61	55	50	41	36	33	32	23	0	0
369	Non-Participating	336217.08	229757.63	36	60	55	50	41	36	33	32	23	0	0
262	Non-Participating	335096.03	229370.57	36	61	55	50	41	35	32	31	23	0	0

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
370	Non-Participating	337013.01	229595.84	36	61	56	51	42	36	33	31	22	0	0
311	Non-Participating	344972.16	233663.75	35	60	55	50	41	36	33	31	20	0	0
98	Non-Participating	338859.13	230498.68	35	61	55	50	41	35	32	31	23	0	0
252	Non-Participating	335189.95	229407.94	35	60	55	50	41	35	32	31	22	0	0
272	Non-Participating	335050.02	229330.04	35	61	55	50	41	35	32	31	22	0	0
195	Non-Participating	335025.84	229302.51	35	61	55	50	41	35	32	31	22	0	0
273	Non-Participating	335058.44	229312.88	35	61	55	50	41	35	32	31	22	0	0
368	Non-Participating	335089.70	229329.51	35	60	55	50	41	35	32	31	22	0	0
385	Non-Participating	337015.73	236271.48	35	61	56	51	42	36	32	31	19	0	0
406	Non-Participating	335193.90	229392.40	35	60	55	50	41	35	32	31	22	0	0
256	Non-Participating	335153.24	229342.46	35	60	55	50	41	35	32	31	22	0	0
274	Non-Participating	334991.91	229284.75	35	60	55	50	41	35	32	31	22	0	0
275	Non-Participating	334920.32	229255.01	35	61	55	50	41	35	32	31	22	0	0
382	Non-Participating	334962.23	229267.84	35	61	55	50	41	35	32	31	22	0	0
228	Non-Participating	333969.22	229358.27	35	59	54	49	40	35	32	31	23	0	0
285	Non-Participating	335069.77	229292.06	35	60	55	50	41	35	32	31	22	0	0
62	Non-Participating	333847.32	229373.27	35	59	54	49	40	35	32	31	22	0	0
127	Non-Participating	340575.54	235607.14	35	61	56	50	42	36	32	30	17	0	0
156	Non-Participating	340482.25	235539.69	35	61	55	50	42	36	32	30	18	0	0
89	Non-Participating	336140.59	229704.67	35	60	55	50	41	35	32	31	21	0	0
249	Non-Participating	335387.44	229457.32	35	60	54	49	41	35	32	31	21	0	0
253	Non-Participating	335187.64	229343.45	35	60	55	49	41	35	32	31	21	0	0
201	Non-Participating	334095.49	235253.68	35	59	53	48	40	35	32	31	23	0	0
254	Non-Participating	335181.03	229317.65	35	60	54	49	41	35	32	31	21	0	0
284	Non-Participating	335073.45	229251.31	35	60	55	50	41	35	32	30	21	0	0
291	Non-Participating	338860.88	230343.97	35	60	54	49	41	35	32	30	22	0	0
325	Non-Participating	345327.67	234867.94	35	60	55	50	41	35	32	30	20	0	0
190	Non-Participating	345115.72	232546.57	35	58	53	48	40	35	32	31	22	0	0
366	Non-Participating	334957.44	229211.36	35	60	55	50	41	35	32	30	21	0	0
280	Non-Participating	334992.36	229217.02	35	60	55	50	41	35	32	30	21	0	0
281	Non-Participating	335019.96	229224.19	35	60	55	50	41	35	32	30	21	0	0
367	Non-Participating	335143.74	229291.99	35	60	55	49	41	35	32	30	21	0	0
255	Non-Participating	335181.03	229297.48	35	60	54	49	41	35	32	30	21	0	0
373	Non-Participating	345194.33	232633.78	35	59	54	49	41	35	32	30	21	0	0
83	Non-Participating	332901.42	231530.67	35	60	54	49	40	35	32	30	21	0	0
283	Non-Participating	335116.38	229263.25	35	60	55	49	41	35	32	30	21	0	0
279	Non-Participating	334974.44	229182.25	34	60	55	50	41	35	31	30	20	0	0
336	Non-Participating	344283.22	230858.86	34	59	54	48	40	34	31	30	22	0	0
278	Non-Participating	334992.01	229180.10	34	60	55	50	41	35	31	30	20	0	0
277	Non-Participating	335011.36	229183.68	34	60	55	49	41	35	31	30	20	0	0
282	Non-Participating	335079.46	229207.34	34	60	54	49	40	35	31	30	20	0	0
114	Non-Participating	344987.88	232865.77	34	58	53	48	40	35	31	30	21	0	0
128	Non-Participating	342733.56	236815.89	34	60	54	49	40	35	31	30	20	0	0
314	Non-Participating	344979.36	233176.72	34	59	54	49	41	35	32	30	18	0	0
351	Non-Participating	345006.87	233113.24	34	59	54	49	41	35	32	29	19	0	0
286	Non-Participating	335139.17	229215.50	34	60	54	49	40	34	31	30	20	0	0
313	Non-Participating	344874.70	233150.13	34	59	53	48	41	35	32	29	19	0	0
177	Non-Participating	345413.96	231818.19	34	59	54	49	40	34	31	30	21	0	0
248	Non-Participating	335399.24	229408.04	34	59	53	48	40	34	31	30	20	0	0
308	Non-Participating	345292.80	234930.55	34	58	53	48	40	34	31	29	20	0	0
197	Non-Participating	333923.45	229248.37	34	58	53	48	40	34	31	30	21	0	0
292	Non-Participating	338925.12	230244.29	34	59	54	49	40	34	31	30	20	0	0
106	Non-Participating	345067.46	233458.47	34	59	53	48	40	35	31	29	18	0	0
174	Non-Participating	339852.67	231417.16	34	60	55	49	41	35	31	29	17	0	0
198	Non-Participating	332822.67	230403.22	34	59	54	48	40	34	31	30	20	0	0
246	Non-Participating	335408.57	229381.48	34	59	53	48	40	34	31	30	20	0	0
306	Non-Participating	342938.03	236918.46	34	59	54	49	40	34	31	29	20	0	0
192	Non-Participating	345050.58	233066.89	34	58	53	48	40	35	31	29	18	0	0
193	Non-Participating	345123.85	232842.60	34	58	53	48	40	34	31	29	20	0	0
196	Non-Participating	334981.10	229083.45	34	60	54	49	40	34	31	29	19	0	0
247	Non-Participating	335445.94	229401.00	34	59	53	48	40	34	31	29	20	0	0
245	Non-Participating	335414.52	229358.66	34	59	53	48	40	34	31	29	19	0	0
244	Non-Participating	335425.43	229336.50	34	59	53	48	40	34	31	29	19	0	0
337	Non-Participating	335063.07	229058.63	34	59	54	49	40	34	31	29	18	0	0
435	Non-Participating	335455.48	229370.18	34	59	53	48	40	34	31	29	19	0	0
182	Non-Participating	342898.74	236978.73	33	59	54	49	40	34	31	29	18	0	0
229	Non-Participating	335368.15	229076.42	33	59	53	48	40	34	31	28	17	0	0
243	Non-Participating	335431.06	229309.38	33	58	53	48	40	34	31	29	19	0	0
338	Non-Participating	335076.21	229049.17	33	59	54	49	40	34	31	29	18	0	0
339	Non-Participating	335105.13	229033.13	33	59	54	49	40	34	30	29	18	0	0
340	Non-Participating	335118.53	229027.88	33	59	54	49	40	34	30	29	18	0	0
416	Non-Participating	342904.14	237045.50	33	59	54	49	40	34	30	28	18	0	0
176	Non-Participating	339966.86	231346.11	33	59	54	49	40	35	31	28	16	0	0
233	Non-Participating	335381.12	229089.12	33	59	53	48	40	34	30	28	17	0	0
242	Non-Participating	335442.96	229286.23	33	58	53	48	40	34	30	29	18	0	0
342	Non-Participating	335133.85	229020.37	33	59	54	49	40	34	30	28	17	0	0

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
350	Non-Participating	335034.93	229007.57	33	59	54	49	40	34	30	29	18	0	0
429	Non-Participating	335223.24	228930.42	33	59	53	48	40	35	31	28	16	0	0
326	Non-Participating	345361.76	235096.64	33	58	53	47	39	34	30	29	19	0	0
194	Non-Participating	335419.22	229176.86	33	58	53	48	40	34	30	28	17	0	0
241	Non-Participating	335447.92	229262.09	33	58	53	48	39	34	30	29	18	0	0
287	Non-Participating	335342.55	229049.63	33	59	53	48	40	34	30	28	17	0	0
341	Non-Participating	335141.40	229010.79	33	59	54	48	40	34	30	28	17	0	0
343	Non-Participating	335158.48	229000.81	33	59	54	48	40	34	30	28	17	0	0
395	Non-Participating	345501.77	235060.08	33	59	53	48	40	34	30	28	17	0	0
231	Non-Participating	335306.55	229030.72	33	59	53	48	40	34	30	28	17	0	0
239	Non-Participating	335443.96	229235.63	33	58	53	48	39	34	30	28	18	0	0
403	Non-Participating	335473.51	229262.07	33	58	53	48	39	34	30	28	18	0	0
413	Non-Participating	342550.55	236953.57	33	59	54	48	40	34	30	28	17	0	0
163	Non-Participating	344320.07	230668.28	33	58	53	48	39	33	30	29	19	0	0
230	Non-Participating	335325.82	229037.26	33	59	53	48	40	34	30	28	17	0	0
238	Non-Participating	335443.62	229217.77	33	58	53	48	39	34	30	28	18	0	0
344	Non-Participating	335161.11	228983.20	33	59	53	48	40	34	30	28	17	0	0
415	Non-Participating	342699.73	237031.77	33	59	54	48	40	34	30	28	17	0	0
240	Non-Participating	335486.95	229243.90	33	58	53	48	39	34	30	28	17	0	0
345	Non-Participating	335165.58	228970.58	33	59	53	48	40	34	30	28	17	0	0
108	Non-Participating	344870.69	233176.87	33	57	52	46	40	34	30	27	16	0	0
232	Non-Participating	335276.28	229015.03	33	59	53	48	39	33	30	28	17	0	0
237	Non-Participating	335463.14	229189.99	33	58	53	47	39	33	30	28	17	0	0
402	Non-Participating	335477.50	229219.02	33	58	53	47	39	33	30	28	17	0	0
288	Non-Participating	335293.45	229014.86	33	59	53	48	39	33	30	28	16	0	0
374	Non-Participating	345441.19	235075.17	33	58	52	47	39	33	30	28	18	0	0
60	Non-Participating	333999.20	228981.15	33	58	53	47	39	33	30	28	17	0	0
100	Participating	339253.95	230673.50	33	58	53	47	40	34	30	28	17	0	0
148	Non-Participating	341407.60	231202.37	33	58	53	48	40	34	30	28	16	0	0
236	Non-Participating	335484.58	229197.64	33	58	52	47	39	33	30	28	17	0	0
365	Non-Participating	335449.32	229173.95	33	58	52	47	39	33	30	28	17	0	0
405	Non-Participating	335411.54	229146.82	33	58	53	47	39	33	30	28	17	0	0
432	Non-Participating	335237.55	228942.96	33	59	53	48	39	33	30	28	16	0	0
234	Non-Participating	335414.52	229134.43	32	58	53	47	39	33	30	28	17	0	0
404	Non-Participating	335268.04	228984.41	32	59	53	48	39	33	30	28	16	0	0
430	Non-Participating	335245.61	228965.24	32	59	53	48	39	33	30	28	16	0	0
431	Non-Participating	335257.51	228973.94	32	59	53	48	39	33	30	28	16	0	0
434	Non-Participating	335174.94	228935.63	32	59	53	48	39	33	30	28	16	0	0
315	Non-Participating	345486.60	231384.20	32	58	53	48	39	33	29	28	18	0	0
417	Non-Participating	342982.14	237171.00	32	58	53	48	39	33	29	27	16	0	0
129	Non-Participating	345549.53	231489.59	32	58	53	48	39	33	29	28	18	0	0
235	Non-Participating	335585.84	229209.17	32	58	52	47	39	33	30	27	16	0	0
427	Non-Participating	335319.25	228953.71	32	58	53	48	39	33	29	27	15	0	0
189	Non-Participating	345705.71	232523.62	32	58	53	48	39	33	29	27	15	0	0
215	Non-Participating	332821.87	232514.92	32	58	53	48	39	33	29	27	15	0	0
293	Non-Participating	339141.92	230235.71	32	57	52	47	39	33	29	27	17	0	0
428	Non-Participating	335284.40	228933.03	32	58	53	48	39	33	29	27	15	0	0
433	Non-Participating	335259.98	228881.12	32	58	53	48	39	33	29	27	15	0	0
414	Non-Participating	342436.58	237086.18	32	58	53	48	39	33	29	27	14	0	0
130	Non-Participating	345584.55	231404.78	32	58	53	47	39	32	29	27	17	0	0
161	Non-Participating	344255.60	230516.44	32	58	52	47	39	32	29	27	17	0	0
418	Non-Participating	343027.39	237230.08	32	58	53	48	39	33	29	27	15	0	0
423	Non-Participating	335373.54	228881.72	32	58	53	48	39	33	29	27	14	0	0
179	Non-Participating	340385.40	231185.05	32	58	52	47	39	33	29	26	13	0	0
424	Non-Participating	335399.08	228865.72	32	58	53	48	39	33	29	27	14	0	0
317	Non-Participating	345594.03	231344.33	32	58	52	47	38	32	29	27	16	0	0
103	Non-Participating	332637.99	231353.47	32	57	52	47	38	32	29	27	15	0	0
165	Non-Participating	344075.91	230472.46	32	57	52	47	38	32	29	27	16	0	0
328	Non-Participating	345508.13	235479.18	31	57	51	46	38	32	29	26	15	0	0
162	Non-Participating	344372.76	230484.95	31	57	51	46	38	32	28	27	16	0	0
426	Non-Participating	335503.15	228822.61	31	58	52	47	39	32	29	26	13	0	0
131	Non-Participating	345777.42	231603.52	31	58	52	47	38	32	28	26	15	0	0
296	Non-Participating	339239.93	229918.40	31	58	52	47	39	32	28	26	14	0	0
425	Non-Participating	335580.04	228817.52	31	58	52	47	38	32	28	26	12	0	0
316	Non-Participating	345626.42	231265.97	31	57	51	46	38	32	28	26	15	0	0
391	Non-Participating	344183.74	230356.78	31	57	52	46	38	32	28	26	14	0	0
319	Non-Participating	344448.58	230384.67	31	57	52	46	38	32	28	26	14	0	0
419	Non-Participating	343238.22	237404.60	31	57	52	47	38	32	28	25	13	0	0
318	Non-Participating	345623.65	231092.92	31	57	52	47	38	31	28	26	14	0	0
160	Non-Participating	344541.82	230365.07	31	57	51	46	38	31	28	26	14	0	0
200	Non-Participating	333525.42	235386.75	30	56	51	46	37	31	28	26	14	0	0
186	Non-Participating	343327.72	237147.27	30	57	51	46	38	32	28	24	12	0	0
422	Non-Participating	343226.75	237472.54	30	57	52	46	38	31	27	25	12	0	0
410	Non-Participating	339182.66	236713.13	30	56	51	45	38	32	28	23	9	0	0
327	Non-Participating	345486.92	235529.50	29	55	49	44	37	31	27	23	10	0	0
412	Non-Participating	339677.98	236287.76	29	57	52	46	38	32	26	21	4	0	0

Table E-1.1: GE 3.8-137 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
159	Non-Participating	340812.42	230544.35	29	55	50	45	37	31	26	21	4	0	0
329	Non-Participating	345488.17	235645.09	29	53	48	43	37	31	26	22	9	0	0
307	Non-Participating	345406.15	235618.42	28	53	48	42	37	31	26	22	10	0	0
377	Non-Participating	340416.62	230703.35	28	54	49	44	37	31	26	21	4	0	0
411	Non-Participating	339596.75	236334.92	28	57	51	46	38	31	25	20	2	0	0
305	Non-Participating	340588.33	230360.86	28	56	50	45	37	31	26	21	2	0	0
409	Non-Participating	338424.04	236725.09	28	55	49	44	38	31	26	20	3	0	0
150	Non-Participating	340693.19	230535.73	28	55	49	44	37	31	26	21	3	0	0
147	Non-Participating	340809.21	230238.36	28	56	50	45	37	31	25	21	1	0	0
303	Non-Participating	340627.37	230287.76	28	56	50	45	37	31	26	21	2	0	0
304	Non-Participating	340531.02	230315.72	28	55	50	45	37	31	25	20	1	0	0
7	Non-Participating	340619.01	230414.74	28	55	50	44	37	31	25	20	2	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
7	Non-Participating	340619.01	230414.74	29	53	48	44	38	32	26	17	0	0	0
8	Non-Participating	341206.90	231923.63	36	59	54	51	43	38	34	29	16	0	0
9	Non-Participating	341121.66	232207.19	37	60	55	51	44	39	35	30	19	0	0
10	Participating	341079.81	233420.36	39	62	57	54	47	42	38	33	23	0	0
11	Non-Participating	341049.27	233571.17	39	62	57	53	46	41	37	33	22	0	0
12	Non-Participating	341006.81	234016.54	38	62	57	53	46	41	37	32	19	0	0
13	Non-Participating	341016.71	234074.59	38	62	57	53	46	41	36	31	19	0	0
14	Non-Participating	340968.84	234036.14	38	62	57	53	46	41	37	32	19	0	0
15	Non-Participating	341076.95	234083.32	38	62	57	53	46	41	36	31	18	0	0
16	Non-Participating	340879.71	234236.86	38	62	57	53	46	41	36	32	19	0	0
17	Non-Participating	340742.44	234490.20	38	62	56	53	45	40	36	31	19	0	0
18	Non-Participating	340657.22	234941.38	37	62	56	53	45	40	36	30	17	0	0
19	Non-Participating	340588.07	234970.56	37	61	56	52	45	40	36	30	17	0	0
20	Non-Participating	340638.92	235053.44	37	61	56	52	45	40	35	30	16	0	0
21	Non-Participating	342005.50	235640.05	38	61	56	52	45	40	36	32	21	0	0
22	Non-Participating	341872.67	235277.59	38	62	57	53	46	41	36	32	22	0	0
23	Non-Participating	341934.99	235383.33	38	62	56	53	46	41	37	32	22	0	0
24	Non-Participating	341721.59	235055.03	38	62	57	53	45	40	36	31	19	0	0
25	Non-Participating	341578.11	234929.83	37	61	56	52	45	40	36	30	17	0	0
26	Non-Participating	341682.02	234513.38	38	62	57	53	46	41	37	32	19	0	0
27	Non-Participating	341476.66	234231.74	38	62	57	53	46	41	36	31	18	0	0
28	Non-Participating	341713.34	234171.52	39	62	57	53	46	41	37	32	20	0	0
29	Non-Participating	341851.95	234174.27	39	62	57	54	46	41	37	33	22	0	0
30	Non-Participating	341855.46	234041.23	39	62	57	54	47	42	38	33	23	0	0
31	Non-Participating	341824.93	233794.99	41	63	58	54	48	42	39	35	25	5	0
32	Non-Participating	342012.49	233466.68	44	65	60	57	50	45	41	38	31	15	0
33	Participating	344177.40	235671.76	48	63	58	56	52	46	46	43	37	28	8
34	Non-Participating	342654.65	236319.69	37	60	55	51	44	39	35	30	19	0	0
35	Non-Participating	342599.16	236290.69	37	60	55	51	44	39	35	30	19	0	0
36	Non-Participating	342784.48	236030.56	40	63	57	54	47	42	38	34	24	0	0
37	Non-Participating	342658.75	236111.13	38	61	56	53	45	40	37	32	22	0	0
38	Non-Participating	342520.52	236163.69	37	61	56	52	45	40	36	31	20	0	0
39	Non-Participating	337948.82	231778.99	38	61	56	53	45	40	36	31	20	0	0
40	Non-Participating	337786.46	231577.83	40	63	58	54	47	42	38	34	24	1	0
41	Participating	337895.35	231924.61	38	61	56	52	45	40	36	31	19	0	0
42	Non-Participating	337793.49	232287.20	38	62	57	53	45	40	36	30	16	0	0
43	Participating	337831.92	232573.72	38	62	57	53	45	40	36	31	17	0	0
44	Non-Participating	338058.38	232745.47	39	63	58	54	46	41	37	32	19	0	0
45	Non-Participating	337913.04	232761.35	38	62	57	53	46	41	37	32	18	0	0
46	Non-Participating	338154.23	232818.74	39	63	58	54	47	42	38	33	20	0	0
47	Participating	337895.97	233277.19	41	64	59	55	48	43	39	35	24	0	0
48	Participating	339078.04	235081.18	44	66	61	58	51	46	42	39	31	12	0
49	Non-Participating	340323.61	234764.77	38	61	56	52	46	41	37	32	21	0	0
50	Non-Participating	339469.06	235633.18	38	62	57	53	46	41	37	32	20	0	0
51	Non-Participating	339271.45	235752.24	39	62	57	53	46	41	37	32	21	0	0
52	Non-Participating	337029.73	233025.30	39	62	57	53	46	41	37	32	21	0	0
53	Participating	336928.74	233068.67	39	62	57	53	46	41	37	32	21	0	0
54	Participating	336675.58	233267.47	40	63	58	54	47	42	38	33	23	0	0
55	Participating	336836.24	233782.14	43	66	60	57	50	45	41	38	30	10	0
56	Participating	336425.06	233873.49	43	65	60	56	50	44	41	37	29	9	0
57	Participating	336486.51	234473.33	43	66	61	57	50	45	41	38	29	9	0
58	Participating	336340.64	234698.00	44	66	61	57	51	45	42	39	31	14	0
59	Non-Participating	335666.14	234700.67	43	65	60	56	49	44	41	37	28	7	0
60	Non-Participating	333999.20	228981.15	32	56	51	47	40	35	30	25	11	0	0
61	Non-Participating	333755.57	229734.57	37	61	56	52	44	39	35	31	20	0	0
62	Non-Participating	333847.32	229373.27	34	58	53	49	42	37	32	28	16	0	0
63	Non-Participating	335138.86	230556.19	41	63	58	54	47	42	39	35	25	4	0
64	Participating	334906.39	231392.04	43	65	60	56	49	44	41	37	29	10	0
65	Participating	334754.48	231361.92	44	66	61	57	50	45	42	38	30	12	0
66	Participating	335066.82	231489.07	42	65	59	56	49	43	40	36	28	8	0
67	Non-Participating	335776.17	231493.65	39	62	57	54	46	41	37	32	20	0	0
68	Participating	335690.38	231758.87	38	62	57	53	46	40	36	32	19	0	0
69	Participating	335688.52	231912.75	38	61	56	52	45	40	36	31	18	0	0
70	Participating	336191.79	231976.63	38	62	57	53	45	40	36	31	18	0	0
71	Participating	336177.55	232034.57	38	62	57	53	45	40	36	30	17	0	0
72	Participating	336211.03	232092.03	37	62	57	53	45	40	35	30	16	0	0
73	Participating	336308.92	232146.29	37	62	56	53	45	40	35	30	16	0	0
74	Non-Participating	336785.25	232179.98	38	63	57	54	46	40	36	31	19	0	0
75	Non-Participating	335925.26	229927.91	36	60	55	51	43	38	34	29	17	0	0
76	Non-Participating	335686.43	229995.80	36	60	55	51	44	39	34	30	17	0	0
77	Non-Participating	335918.39	229834.92	35	59	54	50	43	38	33	29	16	0	0
78	Non-Participating	335881.54	229871.20	36	59	54	50	43	38	34	29	16	0	0
79	Non-Participating	335584.73	230033.94	37	60	55	51	44	39	35	30	18	0	0
80	Non-Participating	335320.05	230148.41	38	62	56	53	45	40	37	32	22	0	0
81	Non-Participating	335515.98	230064.52	37	61	55	52	44	39	35	31	19	0	0
82	Non-Participating	335560.99	230050.90	37	60	55	52	44	39	35	30	19	0	0

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
83	Non-Participating	332901.42	231530.67	34	58	53	49	42	37	32	27	14	0	0
84	Non-Participating	337155.97	229781.81	37	61	56	52	44	39	35	30	18	0	0
85	Non-Participating	337136.59	229633.36	36	60	55	51	43	38	34	29	16	0	0
86	Non-Participating	336947.73	229755.79	36	61	56	52	44	38	34	29	17	0	0
87	Non-Participating	336782.70	229699.82	36	60	55	51	43	38	34	29	16	0	0
88	Non-Participating	336550.90	229807.21	36	59	54	51	43	38	34	29	17	0	0
89	Non-Participating	336140.59	229704.67	34	59	53	50	42	37	33	27	15	0	0
90	Non-Participating	336618.43	230128.16	39	62	57	54	46	41	37	33	23	0	0
91	Non-Participating	336259.64	230212.38	39	63	58	54	46	41	37	33	24	2	0
94	Participating	336949.89	230606.28	42	64	59	55	49	44	40	37	28	8	0
95	Non-Participating	338742.06	230940.07	36	59	54	50	43	38	34	29	17	0	0
97	Non-Participating	337909.23	231706.50	38	62	57	53	45	40	36	32	21	0	0
98	Non-Participating	338859.13	230498.68	35	59	54	50	43	37	33	28	16	0	0
99	Non-Participating	336164.15	234962.10	43	65	60	57	50	44	41	38	29	12	0
100	Participating	339253.95	230673.50	32	56	51	48	41	35	30	24	10	0	0
101	Participating	337191.41	232831.80	38	62	57	53	46	41	36	31	19	0	0
102	Participating	335797.20	231375.53	39	63	58	54	46	41	37	32	21	0	0
103	Non-Participating	332637.99	231353.47	31	56	51	47	40	34	29	24	9	0	0
104	Participating	335542.47	231879.12	38	61	56	52	45	40	36	32	20	0	0
105	Participating	335966.89	231753.98	38	62	57	53	46	40	36	31	19	0	0
106	Non-Participating	345067.46	233458.47	34	57	52	49	42	37	32	26	11	0	0
108	Non-Participating	344870.69	233176.87	33	56	51	47	41	36	31	24	9	0	0
109	Non-Participating	334203.96	234687.99	36	60	55	51	44	38	34	30	18	0	0
110	Non-Participating	344977.78	234726.38	36	59	54	50	44	39	35	30	19	0	0
111	Participating	334574.05	234626.42	39	62	57	53	46	41	38	34	24	0	0
112	Non-Participating	334950.38	234608.63	43	65	60	56	50	45	41	38	31	13	0
113	Non-Participating	334353.04	234690.06	38	61	56	52	45	40	36	31	21	0	0
114	Non-Participating	344987.88	232865.77	34	57	52	48	42	37	32	27	14	0	0
115	Non-Participating	338632.36	232751.57	42	64	59	56	49	43	40	36	27	6	0
116	Participating	335494.72	234613.35	45	66	61	58	51	46	42	39	32	15	0
117	Participating	335142.48	234743.07	45	66	61	58	51	46	43	39	32	15	0
118	Non-Participating	335584.82	234635.80	44	66	61	57	50	45	42	38	30	11	0
120	Non-Participating	339482.91	234868.46	43	65	60	56	49	44	41	37	28	5	0
121	Non-Participating	339638.33	234862.63	42	65	60	56	49	44	40	37	27	6	0
122	Non-Participating	334624.66	234761.27	40	62	57	54	47	42	38	35	26	3	0
123	Non-Participating	339736.51	234867.53	42	64	59	55	49	44	40	36	27	5	0
124	Non-Participating	340007.16	234908.55	40	63	57	54	47	42	38	33	23	0	0
125	Non-Participating	340993.89	234167.74	38	62	57	53	46	41	36	31	18	0	0
126	Non-Participating	340445.02	234817.50	39	62	57	54	46	41	37	32	20	0	0
127	Non-Participating	340575.54	235607.14	35	59	54	51	43	38	33	27	10	0	0
128	Non-Participating	342733.56	236815.89	34	59	53	50	42	37	32	27	13	0	0
129	Non-Participating	345549.53	231489.59	32	57	52	48	40	35	30	25	11	0	0
130	Non-Participating	345584.55	231404.78	32	56	51	47	40	34	30	24	10	0	0
131	Non-Participating	345777.42	231603.52	31	56	51	47	40	34	29	23	8	0	0
132	Participating	343696.12	234679.31	44	66	61	57	51	45	42	39	30	11	0
133	Non-Participating	343494.66	234880.42	45	67	62	58	51	46	43	39	31	13	0
134	Participating	343576.49	234704.89	44	66	61	57	50	45	42	38	30	8	0
138	Participating	343275.28	234590.37	44	66	61	58	51	46	42	39	30	12	0
139	Participating	342974.92	234623.28	44	66	61	57	50	45	42	38	29	9	0
141	Participating	342664.93	234395.97	43	66	60	57	50	45	41	38	28	6	0
144	Non-Participating	341897.78	235318.44	38	61	56	53	46	40	36	32	22	0	0
147	Non-Participating	340809.21	230238.36	29	54	49	45	38	32	26	17	0	0	0
148	Non-Participating	341407.60	231202.37	33	57	52	48	41	36	31	24	9	0	0
149	Participating	341152.14	232004.80	36	59	54	51	44	39	34	29	17	0	0
150	Non-Participating	340693.19	230535.73	29	53	48	44	38	33	26	18	0	0	0
151	Non-Participating	341369.51	232973.70	39	62	57	53	46	41	37	33	22	0	0
152	Non-Participating	340979.59	233862.74	39	62	57	53	46	41	37	32	20	0	0
153	Non-Participating	341622.77	234658.38	38	62	56	53	45	40	36	31	18	0	0
154	Non-Participating	341066.41	233017.48	40	63	57	54	47	42	38	34	25	4	0
155	Non-Participating	344029.65	236165.66	42	62	57	54	48	42	41	37	29	14	0
156	Non-Participating	340482.25	235539.69	35	59	54	50	43	38	33	27	11	0	0
157	Non-Participating	341100.85	233545.46	39	62	57	53	46	41	37	33	21	0	0
158	Non-Participating	341305.07	231905.58	36	60	54	51	44	38	34	29	17	0	0
159	Non-Participating	340812.42	230544.35	29	54	49	45	39	33	27	18	0	0	0
160	Non-Participating	344541.82	230365.07	30	55	50	46	39	33	28	22	7	0	0
161	Non-Participating	344255.60	230516.44	32	56	51	47	40	34	30	24	10	0	0
162	Non-Participating	344372.76	230484.95	31	55	50	46	39	34	29	23	9	0	0
163	Non-Participating	344320.07	230668.28	32	57	52	48	40	35	31	25	12	0	0
164	Non-Participating	344140.90	231025.41	35	59	54	50	43	38	33	29	18	0	0
165	Non-Participating	344075.91	230472.46	31	56	51	47	40	34	29	24	9	0	0
166	Participating	342332.55	232929.63	44	66	61	57	51	45	42	38	30	11	0
167	Participating	342671.36	232690.59	43	65	60	57	50	44	41	37	28	8	0
168	Participating	342938.87	232793.74	43	66	61	57	50	45	41	37	28	5	0
169	Participating	342808.80	232783.79	43	65	60	57	49	44	41	37	27	3	0
170	Non-Participating	343477.72	231817.82	39	62	57	53	46	41	37	33	23	0	0
171	Non-Participating	343202.37	232031.90	40	63	58	54	47	42	38	34	23	0	0

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
172	Non-Participating	343761.03	231354.62	37	60	55	52	44	39	36	31	21	0	0
173	Non-Participating	345188.05	231964.06	36	59	54	50	43	38	34	29	18	0	0
174	Non-Participating	339852.67	231417.16	34	58	53	49	42	37	32	25	10	0	0
175	Non-Participating	345180.52	231808.74	35	59	54	50	43	38	34	29	18	0	0
176	Non-Participating	339966.86	231346.11	33	58	53	49	42	36	31	25	9	0	0
177	Non-Participating	345413.96	231818.19	34	58	53	49	41	36	32	27	14	0	0
178	Non-Participating	345012.80	232439.17	35	58	53	49	42	38	33	29	18	0	0
179	Non-Participating	340385.40	231185.05	32	56	51	47	41	35	30	23	6	0	0
180	Non-Participating	342956.89	232633.22	43	65	60	56	49	44	41	37	28	5	0
181	Non-Participating	339045.58	235889.18	39	62	57	53	46	41	37	33	22	0	0
182	Non-Participating	342898.74	236978.73	34	58	53	49	42	36	32	26	12	0	0
183	Participating	338505.60	235812.05	41	64	59	55	48	43	39	36	27	8	0
184	Participating	343055.87	233185.69	45	67	62	58	51	46	43	40	31	12	0
185	Non-Participating	339315.79	235711.42	39	62	57	53	46	41	37	33	21	0	0
186	Non-Participating	343327.72	237147.27	31	55	50	46	40	34	29	21	6	0	0
187	Non-Participating	339353.98	235681.81	39	62	57	53	46	41	37	32	21	0	0
188	Non-Participating	339623.53	235375.44	39	63	57	54	46	41	37	33	21	0	0
189	Non-Participating	345705.71	232523.62	32	57	51	48	40	35	30	24	9	0	0
190	Non-Participating	345115.72	232546.57	34	57	52	48	42	37	32	27	16	0	0
191	Non-Participating	345125.98	232273.64	35	58	53	49	42	38	33	29	18	0	0
192	Non-Participating	345050.58	233066.89	34	57	52	48	42	37	32	26	12	0	0
193	Non-Participating	345123.85	232842.60	34	57	52	48	41	36	32	26	13	0	0
194	Non-Participating	335419.22	229176.86	33	57	51	48	41	36	31	25	11	0	0
195	Non-Participating	335025.84	229302.51	35	59	54	50	42	37	33	28	15	0	0
196	Non-Participating	334981.10	229083.45	33	58	53	49	41	36	31	26	12	0	0
197	Non-Participating	333923.45	229248.37	33	57	52	48	41	36	32	27	14	0	0
198	Non-Participating	332822.67	230403.22	33	57	52	48	41	36	32	26	13	0	0
199	Non-Participating	336321.22	232985.79	38	62	57	53	45	40	36	31	19	0	0
200	Non-Participating	333525.42	235386.75	31	55	50	46	39	34	29	23	8	0	0
201	Non-Participating	334095.49	235253.68	35	58	53	49	42	37	33	28	17	0	0
202	Non-Participating	333769.80	232404.10	38	60	55	52	44	40	36	32	21	0	0
203	Non-Participating	344516.83	233594.15	36	59	54	50	43	39	34	28	15	0	0
204	Non-Participating	343744.53	234355.93	43	65	60	56	49	44	41	37	28	6	0
205	Participating	344029.89	233780.62	40	63	58	54	47	42	38	34	24	0	0
206	Non-Participating	344602.35	233712.48	37	60	55	51	44	39	35	30	17	0	0
207	Non-Participating	335296.04	235467.48	44	66	61	57	51	45	42	39	32	17	0
208	Non-Participating	343697.30	234526.86	43	66	60	57	50	45	41	38	29	8	0
209	Non-Participating	337327.53	236001.35	37	61	56	52	44	39	35	29	15	0	0
210	Non-Participating	337229.49	236055.82	36	61	56	52	44	39	34	29	15	0	0
211	Non-Participating	337104.28	236088.28	36	61	56	52	44	39	34	29	15	0	0
212	Non-Participating	337832.56	236097.90	37	61	56	52	44	39	35	30	16	0	0
213	Non-Participating	337716.99	236207.28	36	61	56	52	44	38	34	29	14	0	0
214	Non-Participating	338026.44	235945.98	38	62	57	53	46	40	36	32	20	0	0
215	Non-Participating	332821.87	232514.92	32	57	52	48	40	35	30	24	9	0	0
216	Non-Participating	335093.90	230425.80	41	64	59	55	48	43	39	36	27	8	0
217	Non-Participating	335198.91	230232.82	40	62	57	54	47	41	38	34	25	3	0
218	Non-Participating	335008.66	230661.24	42	64	59	55	48	43	40	36	27	7	0
219	Non-Participating	335622.68	229966.54	36	60	55	51	44	39	35	30	18	0	0
220	Non-Participating	337411.59	231725.22	42	64	59	55	48	43	40	36	27	9	0
221	Participating	342013.52	235093.05	40	62	57	53	47	42	38	34	25	4	0
222	Participating	338873.00	232058.55	38	62	57	53	46	41	37	32	21	0	0
223	Non-Participating	333795.83	229505.84	35	59	54	50	42	37	33	29	17	0	0
224	Non-Participating	334970.68	229357.17	35	59	54	50	43	37	33	29	16	0	0
225	Non-Participating	334891.17	229376.02	35	59	54	50	43	38	34	29	17	0	0
226	Non-Participating	334882.71	229348.13	35	59	54	50	43	37	33	29	17	0	0
227	Non-Participating	334857.65	229329.64	35	59	54	50	43	37	33	29	17	0	0
228	Non-Participating	333969.22	229358.27	34	57	52	49	42	37	33	28	16	0	0
229	Non-Participating	335368.15	229076.42	33	57	52	48	41	36	31	25	10	0	0
230	Non-Participating	335325.82	229037.26	33	57	52	48	41	36	31	25	10	0	0
231	Non-Participating	335306.55	229030.72	33	57	52	48	41	36	31	25	10	0	0
232	Non-Participating	335276.28	229015.03	32	57	52	48	41	35	31	25	10	0	0
233	Non-Participating	335381.12	229089.12	33	57	52	48	41	36	31	25	10	0	0
234	Non-Participating	335414.52	229134.43	32	56	51	47	40	35	30	25	10	0	0
235	Non-Participating	335585.84	229209.17	32	56	51	47	40	35	30	24	9	0	0
236	Non-Participating	335484.58	229197.64	32	56	51	47	40	35	30	25	10	0	0
237	Non-Participating	335463.14	229189.99	32	56	51	47	40	35	30	25	10	0	0
238	Non-Participating	335443.62	229217.77	33	56	51	48	41	35	31	25	11	0	0
239	Non-Participating	335443.96	229235.63	33	57	51	48	41	35	31	25	11	0	0
240	Non-Participating	335486.95	229243.90	33	56	51	48	41	35	31	25	11	0	0
241	Non-Participating	335447.92	229262.09	33	57	52	48	41	36	31	25	11	0	0
242	Non-Participating	335442.96	229286.23	33	57	52	48	41	36	31	26	12	0	0
243	Non-Participating	335431.06	229309.38	33	57	52	48	41	36	31	26	12	0	0
244	Non-Participating	335425.43	229336.50	33	57	52	48	41	36	31	26	12	0	0
245	Non-Participating	335414.52	229358.66	33	57	52	48	41	36	31	26	13	0	0
246	Non-Participating	335408.57	229381.48	33	57	52	48	41	36	32	26	13	0	0
247	Non-Participating	335445.94	229401.00	33	57	52	48	41	36	32	26	13	0	0

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
248	Non-Participating	335399.24	229408.04	34	57	52	48	41	36	32	27	13	0	0
249	Non-Participating	335387.44	229457.32	34	58	53	49	42	37	33	28	14	0	0
250	Non-Participating	335201.53	229457.55	35	59	54	50	42	37	33	28	16	0	0
251	Non-Participating	335198.55	229438.70	35	59	54	50	42	37	33	28	16	0	0
252	Non-Participating	335189.95	229407.94	35	59	54	50	42	37	33	28	16	0	0
253	Non-Participating	335187.64	229343.45	34	58	53	50	42	37	33	28	15	0	0
254	Non-Participating	335181.03	229317.65	34	58	53	49	42	37	32	27	14	0	0
255	Non-Participating	335181.03	229297.48	34	58	53	49	42	37	32	27	14	0	0
256	Non-Participating	335153.24	229342.46	34	59	53	50	42	37	33	28	15	0	0
257	Non-Participating	335132.08	229473.43	36	59	54	50	43	38	34	29	17	0	0
258	Non-Participating	335137.37	229451.60	35	59	54	50	43	38	33	29	17	0	0
259	Non-Participating	335125.79	229403.64	35	59	54	50	43	37	33	28	16	0	0
260	Non-Participating	335101.98	229412.24	35	59	54	50	43	37	33	29	16	0	0
261	Non-Participating	335093.71	229465.16	36	60	54	51	43	38	34	29	17	0	0
262	Non-Participating	335096.03	229370.57	35	59	54	50	42	37	33	28	16	0	0
263	Participating	336458.19	233835.69	43	65	60	56	49	44	41	37	28	8	0
264	Non-Participating	336925.47	233356.50	41	63	58	55	48	43	39	35	25	2	0
265	Participating	335594.53	231977.29	38	61	56	52	45	40	36	31	19	0	0
266	Participating	335581.27	231815.28	38	61	56	52	45	40	36	31	20	0	0
267	Participating	335600.26	231705.96	38	62	57	53	46	41	37	32	20	0	0
268	Participating	334575.26	231537.14	48	69	64	60	54	48	45	42	36	22	0
269	Non-Participating	334981.61	229433.51	36	60	54	51	43	38	34	29	18	0	0
271	Non-Participating	335059.75	229472.58	36	60	55	51	43	38	34	29	18	0	0
272	Non-Participating	335050.02	229330.04	35	59	54	50	42	37	33	28	16	0	0
273	Non-Participating	335058.44	229312.88	35	59	54	50	42	37	33	28	15	0	0
274	Non-Participating	334991.91	229284.75	35	59	54	50	42	37	33	28	15	0	0
275	Non-Participating	334920.32	229255.01	35	59	54	50	42	37	33	28	15	0	0
276	Non-Participating	334914.58	229323.11	35	59	54	50	43	37	33	28	16	0	0
277	Non-Participating	335011.36	229183.68	34	58	53	50	42	36	32	27	14	0	0
278	Non-Participating	334992.01	229180.10	34	58	53	50	42	36	32	27	14	0	0
279	Non-Participating	334974.44	229182.25	34	58	53	50	42	36	32	27	14	0	0
280	Non-Participating	334992.36	229217.02	34	59	53	50	42	37	32	27	14	0	0
281	Non-Participating	335019.96	229224.19	34	59	53	50	42	37	32	27	14	0	0
282	Non-Participating	335079.46	229207.34	34	58	53	49	42	36	32	27	14	0	0
283	Non-Participating	335116.38	229263.25	34	58	53	49	42	37	32	27	14	0	0
284	Non-Participating	335073.45	229251.31	34	59	54	50	42	37	32	27	14	0	0
285	Non-Participating	335069.77	229292.06	35	59	54	50	42	37	33	28	15	0	0
286	Non-Participating	335139.17	229215.50	34	58	53	49	42	36	32	27	13	0	0
287	Non-Participating	335342.55	229049.63	33	57	52	48	41	36	31	25	10	0	0
288	Non-Participating	335293.45	229014.86	32	57	52	48	41	35	30	25	10	0	0
289	Non-Participating	337610.78	232421.85	37	61	56	52	45	40	35	29	14	0	0
290	Participating	336940.17	233497.06	42	64	59	56	49	44	40	36	28	7	0
291	Non-Participating	338860.88	230343.97	34	58	53	49	42	37	32	27	15	0	0
292	Non-Participating	338925.12	230244.29	34	58	52	49	41	36	32	26	14	0	0
293	Non-Participating	339141.92	230235.71	32	56	50	47	40	35	30	24	10	0	0
296	Non-Participating	339239.93	229918.40	31	56	51	47	40	34	29	23	7	0	0
303	Non-Participating	340627.37	230287.76	29	54	49	45	38	32	26	17	0	0	0
304	Non-Participating	340531.02	230315.72	29	54	49	45	38	32	26	17	0	0	0
305	Non-Participating	340588.33	230360.86	29	54	49	45	38	33	26	18	0	0	0
306	Non-Participating	342938.03	236918.46	34	58	53	49	42	37	32	27	13	0	0
307	Non-Participating	345406.15	235618.42	29	52	47	43	38	33	27	19	3	0	0
308	Non-Participating	345292.80	234930.55	34	57	52	48	41	36	32	26	14	0	0
309	Non-Participating	344892.19	234722.46	37	60	54	51	44	39	35	31	20	0	0
310	Non-Participating	345045.34	234496.63	36	58	53	50	43	38	34	29	17	0	0
311	Non-Participating	344972.16	233663.75	35	59	54	50	43	38	33	28	13	0	0
312	Non-Participating	344897.12	233619.17	36	60	55	51	44	38	34	29	14	0	0
313	Non-Participating	344874.70	233150.13	34	57	52	48	42	37	32	26	12	0	0
314	Non-Participating	344979.36	233176.72	34	58	53	49	42	37	32	26	12	0	0
315	Non-Participating	345486.60	231384.20	32	57	52	48	40	35	30	25	11	0	0
316	Non-Participating	345626.42	231265.97	31	55	50	46	39	33	29	23	8	0	0
317	Non-Participating	345594.03	231344.33	31	56	51	47	40	34	29	24	9	0	0
318	Non-Participating	345623.65	231092.92	30	56	51	47	39	33	28	22	7	0	0
319	Non-Participating	344448.58	230384.67	31	55	50	46	39	33	29	23	8	0	0
320	Non-Participating	343732.02	231504.09	38	61	56	52	45	40	37	33	23	0	0
321	Non-Participating	343807.33	231352.64	38	60	55	52	45	39	36	32	22	0	0
322	Non-Participating	343778.26	231422.96	38	61	56	52	45	40	36	32	22	0	0
323	Non-Participating	343747.52	231399.98	38	61	56	52	45	40	36	32	22	0	0
324	Non-Participating	338745.15	230705.29	36	60	54	51	43	38	34	29	18	0	0
325	Non-Participating	345327.67	234867.94	35	59	54	50	42	37	33	27	14	0	0
326	Non-Participating	345361.76	235096.64	33	56	51	48	41	36	31	25	12	0	0
327	Non-Participating	345486.92	235529.50	30	53	48	44	39	34	28	20	3	0	0
328	Non-Participating	345508.13	235479.18	31	55	50	46	40	34	29	23	9	0	0
329	Non-Participating	345488.17	235645.09	29	52	47	43	38	33	27	19	3	0	0
336	Non-Participating	344283.22	230858.86	34	57	52	49	41	36	32	27	15	0	0
337	Non-Participating	335063.07	229058.63	33	58	53	49	41	36	31	26	12	0	0
338	Non-Participating	335076.21	229049.17	33	58	53	49	41	36	31	26	11	0	0

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
339	Non-Participating	335105.13	229033.13	33	58	52	49	41	36	31	25	11	0	0
340	Non-Participating	335118.53	229027.88	33	58	52	49	41	36	31	25	11	0	0
341	Non-Participating	335141.40	229010.79	33	57	52	48	41	36	31	25	11	0	0
342	Non-Participating	335133.85	229020.37	33	57	52	49	41	36	31	25	11	0	0
343	Non-Participating	335158.48	229000.81	33	57	52	48	41	36	31	25	10	0	0
344	Non-Participating	335161.11	228983.20	33	57	52	48	41	35	31	25	10	0	0
345	Non-Participating	335165.58	228970.58	33	57	52	48	41	35	31	25	10	0	0
347	Participating	342982.73	232934.90	44	66	61	57	50	45	42	38	29	6	0
348	Non-Participating	344422.24	235727.15	42	61	56	54	47	42	41	37	29	14	0
349	Participating	344265.39	235331.48	44	64	59	56	50	44	42	39	31	14	0
350	Non-Participating	335034.93	229007.57	33	58	53	49	41	35	31	25	11	0	0
351	Non-Participating	345006.87	233113.24	34	58	53	49	42	37	32	26	12	0	0
353	Non-Participating	344918.82	234567.99	37	59	54	50	44	39	35	30	19	0	0
354	Non-Participating	344495.84	233600.35	36	59	54	50	44	39	34	29	15	0	0
355	Non-Participating	344024.23	233828.84	40	63	58	54	47	42	38	34	24	0	0
356	Participating	343702.13	234287.71	43	64	59	56	49	44	41	37	28	7	0
357	Participating	343113.63	234584.82	44	66	61	58	51	46	42	39	30	12	0
360	Non-Participating	341011.74	234032.89	38	62	57	53	46	41	37	32	19	0	0
361	Non-Participating	340703.75	234900.99	37	61	56	53	45	40	36	30	17	0	0
362	Participating	338345.89	233030.41	41	64	59	55	48	43	39	35	24	0	0
363	Participating	336130.87	234286.29	43	66	61	57	50	45	41	38	29	10	0
364	Non-Participating	333810.00	229622.00	36	60	55	51	44	38	34	30	19	0	0
365	Non-Participating	335449.32	229173.95	32	56	51	47	40	35	30	25	10	0	0
366	Non-Participating	334957.44	229211.36	34	59	54	50	42	37	32	27	14	0	0
367	Non-Participating	335143.74	229291.99	34	58	53	49	42	37	32	27	14	0	0
368	Non-Participating	335089.70	229329.51	35	59	54	50	42	37	33	28	15	0	0
369	Non-Participating	336217.08	229757.63	35	59	53	50	43	38	33	28	16	0	0
370	Non-Participating	337013.01	229595.84	35	60	54	51	43	37	33	28	15	0	0
371	Participating	335656.83	231843.96	38	62	57	53	45	40	36	31	19	0	0
372	Participating	335654.04	231694.20	38	61	56	52	45	40	36	31	19	0	0
373	Non-Participating	345194.33	232633.78	34	58	53	49	42	37	32	27	14	0	0
374	Non-Participating	345441.19	235075.17	32	56	51	47	41	35	31	25	11	0	0
377	Non-Participating	340416.62	230703.35	29	53	47	44	38	33	27	18	0	0	0
378	Non-Participating	337408.76	236027.93	36	61	56	52	44	39	35	29	15	0	0
379	Non-Participating	337415.28	236162.68	36	61	56	52	44	38	34	28	14	0	0
380	Non-Participating	338243.81	235988.41	39	62	57	53	46	41	37	32	22	0	0
381	Non-Participating	338219.93	235798.87	40	63	58	55	47	42	38	34	25	3	0
382	Non-Participating	334962.23	229267.84	35	59	54	50	42	37	33	28	15	0	0
385	Non-Participating	337015.73	236271.48	35	60	55	51	43	38	33	27	12	0	0
386	Non-Participating	337446.94	236180.49	36	61	56	52	44	38	34	28	13	0	0
387	Non-Participating	337687.63	236115.76	36	60	55	51	44	39	34	29	15	0	0
388	Non-Participating	340623.75	234937.34	38	62	56	53	45	40	36	30	17	0	0
389	Non-Participating	341051.54	234075.51	38	62	57	53	46	41	36	31	18	0	0
390	Participating	340833.84	233719.46	40	63	58	54	47	42	38	33	23	0	0
391	Non-Participating	344183.74	230356.78	31	55	50	46	39	34	29	23	8	0	0
392	Participating	344124.42	235688.44	50	64	59	58	55	48	49	46	40	33	17
393	Participating	342660.39	232660.56	43	65	60	57	50	44	41	37	29	9	0
394	Non-Participating	340621.60	234929.14	38	62	56	53	45	40	36	31	17	0	0
395	Non-Participating	345501.77	235060.08	33	58	52	49	41	36	31	25	11	0	0
400	Non-Participating	338199.16	232479.56	38	62	57	53	46	41	36	31	18	0	0
401	Participating	335656.19	231874.96	38	61	56	53	45	40	36	31	19	0	0
402	Non-Participating	335477.50	229219.02	32	56	51	47	40	35	31	25	10	0	0
403	Non-Participating	335473.51	229262.07	33	57	51	48	41	35	31	25	11	0	0
404	Non-Participating	335268.04	228984.41	32	57	52	48	40	35	30	25	9	0	0
405	Non-Participating	335411.54	229146.82	32	56	51	47	40	35	30	25	10	0	0
406	Non-Participating	335193.90	229392.40	35	59	54	50	42	37	33	28	15	0	0
407	Non-Participating	344177.55	232529.49	42	64	59	55	48	43	40	36	27	6	0
408	Participating	344054.32	233223.52	42	64	59	55	49	44	40	37	28	9	0
409	Non-Participating	338424.04	236725.09	29	53	48	44	39	33	26	16	0	0	0
410	Non-Participating	339182.66	236713.13	30	55	49	45	40	34	28	20	3	0	0
411	Non-Participating	339596.75	236334.92	29	55	50	46	39	33	26	17	0	0	0
412	Non-Participating	339677.98	236287.76	30	55	50	46	40	34	27	18	0	0	0
413	Non-Participating	342550.55	236953.57	33	58	53	49	41	36	31	25	10	0	0
414	Non-Participating	342436.58	237086.18	32	57	52	48	41	35	30	24	8	0	0
415	Non-Participating	342699.73	237031.77	33	58	53	49	41	36	31	25	10	0	0
416	Non-Participating	342904.14	237045.50	33	58	53	49	42	36	31	26	11	0	0
417	Non-Participating	342982.14	237171.00	33	57	52	48	41	35	31	25	10	0	0
418	Non-Participating	343027.39	237230.08	32	57	52	48	41	35	30	24	9	0	0
419	Non-Participating	343238.22	237404.60	31	56	51	47	39	34	29	22	7	0	0
422	Non-Participating	343226.75	237472.54	30	56	50	47	39	34	28	22	6	0	0
423	Non-Participating	335373.54	228881.72	32	57	52	48	40	35	30	24	8	0	0
424	Non-Participating	335399.08	228865.72	32	57	52	48	40	34	29	23	7	0	0
425	Non-Participating	335580.04	228817.52	31	56	51	47	40	34	29	23	6	0	0
426	Non-Participating	335503.15	228822.61	31	56	51	47	40	34	29	23	6	0	0
427	Non-Participating	335319.25	228953.71	32	57	52	48	40	35	30	24	9	0	0
428	Non-Participating	335284.40	228933.03	32	57	52	48	40	35	30	24	9	0	0

Table E-2: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
429	Non-Participating	335223.24	228930.42	33	57	52	48	42	36	31	25	9	0	0
430	Non-Participating	335245.61	228965.24	32	57	52	48	40	35	30	24	9	0	0
431	Non-Participating	335257.51	228973.94	32	57	52	48	40	35	30	25	9	0	0
432	Non-Participating	335237.55	228942.96	32	57	52	48	41	35	30	24	9	0	0
433	Non-Participating	335259.98	228881.12	32	57	52	48	40	35	30	24	8	0	0
434	Non-Participating	335174.94	228935.63	32	57	52	48	41	35	30	24	9	0	0
435	Non-Participating	335455.48	229370.18	33	57	52	48	41	36	31	26	12	0	0
436	Non-Participating	334845.20	229337.96	35	59	54	50	43	37	33	29	17	0	0
437	Non-Participating	336810.77	235834.82	37	61	56	52	45	39	35	31	19	0	0
438	Non-Participating	336415.85	236151.48	36	60	55	51	44	38	34	28	15	0	0
439	Non-Participating	340963.13	233791.22	39	62	57	53	46	41	37	32	21	0	0
440	Non-Participating	336163.73	232070.18	38	62	57	53	45	40	36	30	17	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
392	Participating	344124.42	235688.44	50	64	59	58	55	48	49	46	40	33	17
33	Participating	344177.40	235671.76	48	63	58	56	52	46	46	43	37	28	8
268	Participating	334575.26	231537.14	48	69	64	60	54	48	45	42	36	22	0
184	Participating	343055.87	233185.69	45	67	62	58	51	46	43	40	31	12	0
133	Non-Participating	343494.66	234880.42	45	67	62	58	51	46	43	39	31	13	0
117	Participating	335142.48	234743.07	45	66	61	58	51	46	43	39	32	15	0
116	Participating	335494.72	234613.35	45	66	61	58	51	46	42	39	32	15	0
48	Participating	339078.04	235081.18	44	66	61	58	51	46	42	39	31	12	0
138	Participating	343275.28	234590.37	44	66	61	58	51	46	42	39	30	12	0
357	Participating	343113.63	234584.82	44	66	61	58	51	46	42	39	30	12	0
207	Non-Participating	335296.04	235467.48	44	66	61	57	51	45	42	39	32	17	0
58	Participating	336340.64	234698.00	44	66	61	57	51	45	42	39	31	14	0
132	Participating	343696.12	234679.31	44	66	61	57	51	45	42	39	30	11	0
134	Participating	343576.49	234704.89	44	66	61	57	50	45	42	38	30	8	0
139	Participating	342974.92	234623.28	44	66	61	57	50	45	42	38	29	9	0
166	Participating	342332.55	232929.63	44	66	61	57	51	45	42	38	30	11	0
65	Participating	334754.48	231361.92	44	66	61	57	50	45	42	38	30	12	0
347	Participating	342982.73	232934.90	44	66	61	57	50	45	42	38	29	6	0
349	Participating	344265.39	235331.48	44	64	59	56	50	44	42	39	31	14	0
32	Non-Participating	342012.49	233466.68	44	65	60	57	50	45	41	38	31	15	0
118	Non-Participating	335584.82	234635.80	44	66	61	57	50	45	42	38	30	11	0
55	Participating	336836.24	233782.14	43	66	60	57	50	45	41	38	30	10	0
57	Participating	336486.51	234473.33	43	66	61	57	50	45	41	38	29	9	0
112	Non-Participating	334950.38	234608.63	43	65	60	56	50	45	41	38	31	13	0
208	Non-Participating	343697.30	234526.86	43	66	60	57	50	45	41	38	29	8	0
363	Participating	336130.87	234286.29	43	66	61	57	50	45	41	38	29	10	0
141	Participating	342664.93	234395.97	43	66	60	57	50	45	41	38	28	6	0
99	Non-Participating	336164.15	234962.10	43	65	60	57	50	44	41	38	29	12	0
168	Participating	342938.87	232793.74	43	66	61	57	50	45	41	37	28	5	0
393	Participating	342660.39	232660.56	43	65	60	57	50	44	41	37	29	9	0
167	Participating	342671.36	232690.59	43	65	60	57	50	44	41	37	28	8	0
56	Participating	336425.06	233873.49	43	65	60	56	50	44	41	37	29	9	0
64	Participating	334906.39	231392.04	43	65	60	56	49	44	41	37	29	10	0
169	Participating	342808.80	232783.79	43	65	60	57	49	44	41	37	27	3	0
59	Non-Participating	335666.14	234700.67	43	65	60	56	49	44	41	37	28	7	0
120	Non-Participating	339482.91	234868.46	43	65	60	56	49	44	41	37	28	5	0
180	Non-Participating	342956.89	232633.22	43	65	60	56	49	44	41	37	28	5	0
204	Non-Participating	343744.53	234355.93	43	65	60	56	49	44	41	37	28	6	0
263	Participating	336458.19	233835.69	43	65	60	56	49	44	41	37	28	8	0
356	Participating	343702.13	234287.71	43	64	59	56	49	44	41	37	28	7	0
155	Non-Participating	344029.65	236165.66	42	62	57	54	48	42	41	37	29	14	0
94	Participating	336949.89	230606.28	42	64	59	55	49	44	40	37	28	8	0
121	Non-Participating	339638.33	234862.63	42	65	60	56	49	44	40	37	27	6	0
290	Participating	336940.17	233497.06	42	64	59	56	49	44	40	36	28	7	0
348	Non-Participating	344422.24	235727.15	42	61	56	54	47	42	41	37	29	14	0
408	Participating	344054.32	233223.52	42	64	59	55	49	44	40	37	28	9	0
66	Participating	335066.82	231489.07	42	65	59	56	49	43	40	36	28	8	0
123	Non-Participating	339736.51	234867.53	42	64	59	55	49	44	40	36	27	5	0
115	Non-Participating	338632.36	232751.57	42	64	59	56	49	43	40	36	27	6	0
407	Non-Participating	344177.55	232529.49	42	64	59	55	48	43	40	36	27	6	0
218	Non-Participating	335008.66	230661.24	42	64	59	55	48	43	40	36	27	7	0
220	Non-Participating	337411.59	231725.22	42	64	59	55	48	43	40	36	27	9	0
183	Participating	338505.60	235812.05	41	64	59	55	48	43	39	36	27	8	0
216	Non-Participating	335093.90	230425.80	41	64	59	55	48	43	39	36	27	8	0
362	Participating	338345.89	233030.41	41	64	59	55	48	43	39	35	24	0	0
264	Non-Participating	336925.47	233356.50	41	63	58	55	48	43	39	35	25	2	0
47	Participating	337895.97	233277.19	41	64	59	55	48	43	39	35	24	0	0
31	Non-Participating	341824.93	233794.99	41	63	58	54	48	42	39	35	25	5	0
63	Non-Participating	335138.86	230556.19	41	63	58	54	47	42	39	35	25	4	0
205	Participating	344029.89	233780.62	40	63	58	54	47	42	38	34	24	0	0
355	Non-Participating	344024.23	233828.84	40	63	58	54	47	42	38	34	24	0	0
381	Non-Participating	338219.93	235798.87	40	63	58	55	47	42	38	34	25	3	0
122	Non-Participating	334624.66	234761.27	40	62	57	54	47	42	38	35	26	3	0
154	Non-Participating	341066.41	233017.48	40	63	57	54	47	42	38	34	25	4	0
171	Non-Participating	343202.37	232031.90	40	63	58	54	47	42	38	34	23	0	0
40	Non-Participating	337786.46	231577.83	40	63	58	54	47	42	38	34	24	1	0
36	Non-Participating	342784.48	236030.56	40	63	57	54	47	42	38	34	24	0	0
54	Participating	336675.58	233267.47	40	63	58	54	47	42	38	33	23	0	0
124	Non-Participating	340007.16	234908.55	40	63	57	54	47	42	38	33	23	0	0
217	Non-Participating	335198.91	230232.82	40	62	57	54	47	41	38	34	25	3	0
221	Participating	342013.52	235093.05	40	62	57	53	47	42	38	34	25	4	0
390	Participating	340833.84	233719.46	40	63	58	54	47	42	38	33	23	0	0
10	Participating	341079.81	233420.36	39	62	57	54	47	42	38	33	23	0	0
30	Non-Participating	341855.46	234041.23	39	62	57	54	47	42	38	33	23	0	0
111	Participating	334574.05	234626.42	39	62	57	53	46	41	38	34	24	0	0
46	Non-Participating	338154.23	232818.74	39	63	58	54	47	42	38	33	20	0	0

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
91	Non-Participating	336259.64	230212.38	39	63	58	54	46	41	37	33	24	2	0
170	Non-Participating	343477.72	231817.82	39	62	57	53	46	41	37	33	23	0	0
11	Non-Participating	341049.27	233571.17	39	62	57	53	46	41	37	33	22	0	0
29	Non-Participating	341851.95	234174.27	39	62	57	54	46	41	37	33	22	0	0
188	Non-Participating	339623.53	235375.44	39	63	57	54	46	41	37	33	21	0	0
157	Non-Participating	341100.85	233545.46	39	62	57	53	46	41	37	33	21	0	0
53	Participating	336928.74	233068.67	39	62	57	53	46	41	37	32	21	0	0
90	Non-Participating	336618.43	230128.16	39	62	57	54	46	41	37	33	23	0	0
151	Non-Participating	341369.51	232973.70	39	62	57	53	46	41	37	33	22	0	0
439	Non-Participating	340963.13	233791.22	39	62	57	53	46	41	37	32	21	0	0
44	Non-Participating	338058.38	232745.47	39	63	58	54	46	41	37	32	19	0	0
102	Participating	335797.20	231375.53	39	63	58	54	46	41	37	32	21	0	0
181	Non-Participating	339045.58	235889.18	39	62	57	53	46	41	37	33	22	0	0
185	Non-Participating	339315.79	235711.42	39	62	57	53	46	41	37	33	21	0	0
51	Non-Participating	339271.45	235752.24	39	62	57	53	46	41	37	32	21	0	0
52	Non-Participating	337029.73	233025.30	39	62	57	53	46	41	37	32	21	0	0
126	Non-Participating	340445.02	234817.50	39	62	57	54	46	41	37	32	20	0	0
152	Non-Participating	340979.59	233862.74	39	62	57	53	46	41	37	32	20	0	0
187	Non-Participating	339353.98	235681.81	39	62	57	53	46	41	37	32	21	0	0
28	Non-Participating	341713.34	234171.52	39	62	57	53	46	41	37	32	20	0	0
380	Non-Participating	338243.81	235988.41	39	62	57	53	46	41	37	32	22	0	0
67	Non-Participating	335776.17	231493.65	39	62	57	54	46	41	37	32	20	0	0
14	Non-Participating	340968.84	234036.14	38	62	57	53	46	41	37	32	19	0	0
23	Non-Participating	341934.99	235383.33	38	62	56	53	46	41	37	32	22	0	0
45	Non-Participating	337913.04	232761.35	38	62	57	53	46	41	37	32	18	0	0
50	Non-Participating	339469.06	235633.18	38	62	57	53	46	41	37	32	20	0	0
80	Non-Participating	335320.05	230148.41	38	62	56	53	45	40	37	32	22	0	0
320	Non-Participating	343732.02	231504.09	38	61	56	52	45	40	37	33	23	0	0
12	Non-Participating	341006.81	234016.54	38	62	57	53	46	41	37	32	19	0	0
22	Non-Participating	341872.67	235277.59	38	62	57	53	46	41	36	32	22	0	0
26	Non-Participating	341682.02	234513.38	38	62	57	53	46	41	37	32	19	0	0
37	Non-Participating	342658.75	236111.13	38	61	56	53	45	40	37	32	22	0	0
49	Non-Participating	340323.61	234764.77	38	61	56	52	46	41	37	32	21	0	0
222	Participating	338873.00	232058.55	38	62	57	53	46	41	37	32	21	0	0
267	Participating	335600.26	231705.96	38	62	57	53	46	41	37	32	20	0	0
360	Non-Participating	341011.74	234032.89	38	62	57	53	46	41	37	32	19	0	0
13	Non-Participating	341016.71	234074.59	38	62	57	53	46	41	36	31	19	0	0
16	Non-Participating	340879.71	234236.86	38	62	57	53	46	41	36	32	19	0	0
97	Non-Participating	337909.23	231706.50	38	62	57	53	45	40	36	32	21	0	0
144	Non-Participating	341897.78	235318.44	38	61	56	53	46	40	36	32	22	0	0
400	Non-Participating	338199.16	232479.56	38	62	57	53	46	41	36	31	18	0	0
15	Non-Participating	341076.95	234083.32	38	62	57	53	46	41	36	31	18	0	0
68	Participating	335690.38	231758.87	38	62	57	53	46	40	36	32	19	0	0
101	Participating	337191.41	232831.80	38	62	57	53	46	41	36	31	19	0	0
125	Non-Participating	340993.89	234167.74	38	62	57	53	46	41	36	31	18	0	0
214	Non-Participating	338026.44	235945.98	38	62	57	53	46	40	36	32	20	0	0
389	Non-Participating	341051.54	234075.51	38	62	57	53	46	41	36	31	18	0	0
27	Non-Participating	341476.66	234231.74	38	62	57	53	46	41	36	31	18	0	0
74	Non-Participating	336785.25	232179.98	38	63	57	54	46	40	36	31	19	0	0
105	Participating	335966.89	231753.98	38	62	57	53	46	40	36	31	19	0	0
199	Non-Participating	336321.22	232985.79	38	62	57	53	45	40	36	31	19	0	0
322	Non-Participating	343778.26	231422.96	38	61	56	52	45	40	36	32	22	0	0
371	Participating	335656.83	231843.96	38	62	57	53	45	40	36	31	19	0	0
17	Non-Participating	340742.44	234490.20	38	62	56	53	45	40	36	31	19	0	0
21	Non-Participating	342005.50	235640.05	38	61	56	52	45	40	36	32	21	0	0
24	Non-Participating	341721.59	235055.03	38	62	57	53	45	40	36	31	19	0	0
104	Participating	335542.47	231879.12	38	61	56	52	45	40	36	32	20	0	0
39	Non-Participating	337948.82	231778.99	38	61	56	53	45	40	36	31	20	0	0
43	Participating	337831.92	232573.72	38	62	57	53	45	40	36	31	17	0	0
266	Participating	335581.27	231815.28	38	61	56	52	45	40	36	31	20	0	0
401	Participating	335656.19	231874.96	38	61	56	53	45	40	36	31	19	0	0
70	Participating	336191.79	231976.63	38	62	57	53	45	40	36	31	18	0	0
153	Non-Participating	341622.77	234658.38	38	62	56	53	45	40	36	31	18	0	0
323	Non-Participating	343747.52	231399.98	38	61	56	52	45	40	36	32	22	0	0
372	Participating	335654.04	231694.20	38	61	56	52	45	40	36	31	19	0	0
41	Participating	337895.35	231924.61	38	61	56	52	45	40	36	31	19	0	0
69	Participating	335688.52	231912.75	38	61	56	52	45	40	36	31	18	0	0
265	Participating	335594.53	231977.29	38	61	56	52	45	40	36	31	19	0	0
42	Non-Participating	337793.49	232287.20	38	62	57	53	45	40	36	30	16	0	0
71	Participating	336177.55	232034.57	38	62	57	53	45	40	36	30	17	0	0
113	Non-Participating	334353.04	234690.06	38	61	56	52	45	40	36	31	21	0	0
202	Non-Participating	333769.80	232404.10	38	60	55	52	44	40	36	32	21	0	0
321	Non-Participating	343807.33	231352.64	38	60	55	52	45	39	36	32	22	0	0
388	Non-Participating	340623.75	234937.34	38	62	56	53	45	40	36	30	17	0	0
394	Non-Participating	340621.60	234929.14	38	62	56	53	45	40	36	31	17	0	0
440	Non-Participating	336163.73	232070.18	38	62	57	53	45	40	36	30	17	0	0

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
18	Non-Participating	340657.22	234941.38	37	62	56	53	45	40	36	30	17	0	0
172	Non-Participating	343761.03	231354.62	37	60	55	52	44	39	36	31	21	0	0
19	Non-Participating	340588.07	234970.56	37	61	56	52	45	40	36	30	17	0	0
25	Non-Participating	341578.11	234929.83	37	61	56	52	45	40	36	30	17	0	0
38	Non-Participating	342520.52	236163.69	37	61	56	52	45	40	36	31	20	0	0
72	Participating	336211.03	232092.03	37	62	57	53	45	40	35	30	16	0	0
361	Non-Participating	340703.75	234900.99	37	61	56	53	45	40	36	30	17	0	0
437	Non-Participating	336810.77	235834.82	37	61	56	52	45	39	35	31	19	0	0
73	Participating	336308.92	232146.29	37	62	56	53	45	40	35	30	16	0	0
81	Non-Participating	335515.98	230064.52	37	61	55	52	44	39	35	31	19	0	0
20	Non-Participating	340638.92	235053.44	37	61	56	52	45	40	35	30	16	0	0
309	Non-Participating	344892.19	234722.46	37	60	54	51	44	39	35	31	20	0	0
9	Non-Participating	341121.66	232207.19	37	60	55	51	44	39	35	30	19	0	0
34	Non-Participating	342654.65	236319.69	37	60	55	51	44	39	35	30	19	0	0
35	Non-Participating	342599.16	236290.69	37	60	55	51	44	39	35	30	19	0	0
61	Non-Participating	333755.57	229734.57	37	61	56	52	44	39	35	31	20	0	0
82	Non-Participating	335560.99	230050.90	37	60	55	52	44	39	35	30	19	0	0
206	Non-Participating	344602.35	233712.48	37	60	55	51	44	39	35	30	17	0	0
289	Non-Participating	337610.78	232421.85	37	61	56	52	45	40	35	29	14	0	0
79	Non-Participating	335584.73	230033.94	37	60	55	51	44	39	35	30	18	0	0
209	Non-Participating	337327.53	236001.35	37	61	56	52	44	39	35	29	15	0	0
212	Non-Participating	337832.56	236097.90	37	61	56	52	44	39	35	30	16	0	0
353	Non-Participating	344918.82	234567.99	37	59	54	50	44	39	35	30	19	0	0
84	Non-Participating	337155.97	229781.81	37	61	56	52	44	39	35	30	18	0	0
219	Non-Participating	335622.68	229966.54	36	60	55	51	44	39	35	30	18	0	0
378	Non-Participating	337408.76	236027.93	36	61	56	52	44	39	35	29	15	0	0
109	Non-Participating	334203.96	234687.99	36	60	55	51	44	38	34	30	18	0	0
110	Non-Participating	344977.78	234726.38	36	59	54	50	44	39	35	30	19	0	0
210	Non-Participating	337229.49	236055.82	36	61	56	52	44	39	34	29	15	0	0
364	Non-Participating	333810.00	229622.00	36	60	55	51	44	38	34	30	19	0	0
76	Non-Participating	335686.43	229995.80	36	60	55	51	44	39	34	30	17	0	0
86	Non-Participating	336947.73	229755.79	36	61	56	52	44	38	34	29	17	0	0
211	Non-Participating	337104.28	236088.28	36	61	56	52	44	39	34	29	15	0	0
312	Non-Participating	344897.12	233619.17	36	60	55	51	44	38	34	29	14	0	0
387	Non-Participating	337687.63	236115.76	36	60	55	51	44	39	34	29	15	0	0
88	Non-Participating	336550.90	229807.21	36	59	54	51	43	38	34	29	17	0	0
149	Participating	341152.14	232004.80	36	59	54	51	44	39	34	29	17	0	0
158	Non-Participating	341305.07	231905.58	36	60	54	51	44	38	34	29	17	0	0
213	Non-Participating	337716.99	236207.28	36	61	56	52	44	38	34	29	14	0	0
8	Non-Participating	341206.90	231923.63	36	59	54	51	43	38	34	29	16	0	0
75	Non-Participating	335925.26	229927.91	36	60	55	51	43	38	34	29	17	0	0
203	Non-Participating	344516.83	233594.15	36	59	54	50	43	39	34	28	15	0	0
324	Non-Participating	338745.15	230705.29	36	60	54	51	43	38	34	29	18	0	0
354	Non-Participating	344495.84	233600.35	36	59	54	50	44	39	34	29	15	0	0
379	Non-Participating	337415.28	236162.68	36	61	56	52	44	38	34	28	14	0	0
95	Non-Participating	338742.06	230940.07	36	59	54	50	43	38	34	29	17	0	0
269	Non-Participating	334981.61	229433.51	36	60	54	51	43	38	34	29	18	0	0
271	Non-Participating	335059.75	229472.58	36	60	55	51	43	38	34	29	18	0	0
386	Non-Participating	337446.94	236180.49	36	61	56	52	44	38	34	28	13	0	0
438	Non-Participating	336415.85	236151.48	36	60	55	51	44	38	34	28	15	0	0
87	Non-Participating	336782.70	229699.82	36	60	55	51	43	38	34	29	16	0	0
261	Non-Participating	335093.71	229465.16	36	60	54	51	43	38	34	29	17	0	0
78	Non-Participating	335881.54	229871.20	36	59	54	50	43	38	34	29	16	0	0
85	Non-Participating	337136.59	229633.36	36	60	55	51	43	38	34	29	16	0	0
173	Non-Participating	345188.05	231964.06	36	59	54	50	43	38	34	29	18	0	0
257	Non-Participating	335132.08	229473.43	36	59	54	50	43	38	34	29	17	0	0
310	Non-Participating	345045.34	234496.63	36	58	53	50	43	38	34	29	17	0	0
175	Non-Participating	345180.52	231808.74	35	59	54	50	43	38	34	29	18	0	0
225	Non-Participating	334891.17	229376.02	35	59	54	50	43	38	34	29	17	0	0
77	Non-Participating	335918.39	229834.92	35	59	54	50	43	38	33	29	16	0	0
164	Non-Participating	344140.90	231025.41	35	59	54	50	43	38	33	29	18	0	0
258	Non-Participating	335137.37	229451.60	35	59	54	50	43	38	33	29	17	0	0
178	Non-Participating	345012.80	232439.17	35	58	53	49	42	38	33	29	18	0	0
191	Non-Participating	345125.98	232273.64	35	58	53	49	42	38	33	29	18	0	0
223	Non-Participating	333795.83	229505.84	35	59	54	50	42	37	33	29	17	0	0
226	Non-Participating	334882.71	229348.13	35	59	54	50	43	37	33	29	17	0	0
227	Non-Participating	334857.65	229329.64	35	59	54	50	43	37	33	29	17	0	0
260	Non-Participating	335101.98	229412.24	35	59	54	50	43	37	33	29	16	0	0
436	Non-Participating	334845.20	229337.96	35	59	54	50	43	37	33	29	17	0	0
224	Non-Participating	334970.68	229357.17	35	59	54	50	43	37	33	29	16	0	0
311	Non-Participating	344972.16	233663.75	35	59	54	50	43	38	33	28	13	0	0
369	Non-Participating	336217.08	229757.63	35	59	53	50	43	38	33	28	16	0	0
250	Non-Participating	335201.53	229457.55	35	59	54	50	42	37	33	28	16	0	0
259	Non-Participating	335125.79	229403.64	35	59	54	50	43	37	33	28	16	0	0
276	Non-Participating	334914.58	229323.11	35	59	54	50	43	37	33	28	16	0	0
370	Non-Participating	337013.01	229595.84	35	60	54	51	43	37	33	28	15	0	0

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
385	Non-Participating	337015.73	236271.48	35	60	55	51	43	38	33	27	12	0	0
251	Non-Participating	335198.55	229438.70	35	59	54	50	42	37	33	28	16	0	0
262	Non-Participating	335096.03	229370.57	35	59	54	50	42	37	33	28	16	0	0
98	Non-Participating	338859.13	230498.68	35	59	54	50	43	37	33	28	16	0	0
127	Non-Participating	340575.54	235607.14	35	59	54	51	43	38	33	27	10	0	0
156	Non-Participating	340482.25	235539.69	35	59	54	50	43	38	33	27	11	0	0
272	Non-Participating	335050.02	229330.04	35	59	54	50	42	37	33	28	16	0	0
252	Non-Participating	335189.95	229407.94	35	59	54	50	42	37	33	28	16	0	0
368	Non-Participating	335089.70	229329.51	35	59	54	50	42	37	33	28	15	0	0
195	Non-Participating	335025.84	229302.51	35	59	54	50	42	37	33	28	15	0	0
201	Non-Participating	334095.49	235253.68	35	58	53	49	42	37	33	28	17	0	0
273	Non-Participating	335058.44	229312.88	35	59	54	50	42	37	33	28	15	0	0
274	Non-Participating	334991.91	229284.75	35	59	54	50	42	37	33	28	15	0	0
275	Non-Participating	334920.32	229255.01	35	59	54	50	42	37	33	28	15	0	0
325	Non-Participating	345327.67	234867.94	35	59	54	50	42	37	33	27	14	0	0
382	Non-Participating	334962.23	229267.84	35	59	54	50	42	37	33	28	15	0	0
406	Non-Participating	335193.90	229392.40	35	59	54	50	42	37	33	28	15	0	0
285	Non-Participating	335069.77	229292.06	35	59	54	50	42	37	33	28	15	0	0
89	Non-Participating	336140.59	229704.67	34	59	53	50	42	37	33	27	15	0	0
256	Non-Participating	335153.24	229342.46	34	59	53	50	42	37	33	28	15	0	0
228	Non-Participating	333969.22	229358.27	34	57	52	49	42	37	33	28	16	0	0
249	Non-Participating	335387.44	229457.32	34	58	53	49	42	37	33	28	14	0	0
253	Non-Participating	335187.64	229343.45	34	58	53	50	42	37	33	28	15	0	0
62	Non-Participating	333847.32	229373.27	34	58	53	49	42	37	32	28	16	0	0
128	Non-Participating	342733.56	236815.89	34	59	53	50	42	37	32	27	13	0	0
254	Non-Participating	335181.03	229317.65	34	58	53	49	42	37	32	27	14	0	0
280	Non-Participating	334992.36	229217.02	34	59	53	50	42	37	32	27	14	0	0
284	Non-Participating	335073.45	229251.31	34	59	54	50	42	37	32	27	14	0	0
366	Non-Participating	334957.44	229211.36	34	59	54	50	42	37	32	27	14	0	0
367	Non-Participating	335143.74	229291.99	34	58	53	49	42	37	32	27	14	0	0
190	Non-Participating	345115.72	232546.57	34	57	52	48	42	37	32	27	16	0	0
255	Non-Participating	335181.03	229297.48	34	58	53	49	42	37	32	27	14	0	0
281	Non-Participating	335019.96	229224.19	34	59	53	50	42	37	32	27	14	0	0
291	Non-Participating	338860.88	230343.97	34	58	53	49	42	37	32	27	15	0	0
314	Non-Participating	344979.36	233176.72	34	58	53	49	42	37	32	26	12	0	0
373	Non-Participating	345194.33	232633.78	34	58	53	49	42	37	32	27	14	0	0
83	Non-Participating	332901.42	231530.67	34	58	53	49	42	37	32	27	14	0	0
279	Non-Participating	334974.44	229182.25	34	58	53	50	42	36	32	27	14	0	0
283	Non-Participating	335116.38	229263.25	34	58	53	49	42	37	32	27	14	0	0
313	Non-Participating	344874.70	233150.13	34	57	52	48	42	37	32	26	12	0	0
351	Non-Participating	345006.87	233113.24	34	58	53	49	42	37	32	26	12	0	0
277	Non-Participating	335011.36	229183.68	34	58	53	50	42	36	32	27	14	0	0
278	Non-Participating	334992.01	229180.10	34	58	53	50	42	36	32	27	14	0	0
306	Non-Participating	342938.03	236918.46	34	58	53	49	42	37	32	27	13	0	0
106	Non-Participating	345067.46	233458.47	34	57	52	49	42	37	32	26	11	0	0
114	Non-Participating	344987.88	232865.77	34	57	52	48	42	37	32	27	14	0	0
282	Non-Participating	335079.46	229207.34	34	58	53	49	42	36	32	27	14	0	0
336	Non-Participating	344283.22	230858.86	34	57	52	49	41	36	32	27	15	0	0
182	Non-Participating	342898.74	236978.73	34	58	53	49	42	36	32	26	12	0	0
286	Non-Participating	335139.17	229215.50	34	58	53	49	42	36	32	27	13	0	0
192	Non-Participating	345050.58	233066.89	34	57	52	48	42	37	32	26	12	0	0
248	Non-Participating	335399.24	229408.04	34	57	52	48	41	36	32	27	13	0	0
308	Non-Participating	345292.80	234930.55	34	57	52	48	41	36	32	26	14	0	0
174	Non-Participating	339852.67	231417.16	34	58	53	49	42	37	32	25	10	0	0
177	Non-Participating	345413.96	231818.19	34	58	53	49	41	36	32	27	14	0	0
193	Non-Participating	345123.85	232842.60	34	57	52	48	41	36	32	26	13	0	0
292	Non-Participating	338925.12	230244.29	34	58	52	49	41	36	32	26	14	0	0
246	Non-Participating	335408.57	229381.48	33	57	52	48	41	36	32	26	13	0	0
416	Non-Participating	342904.14	237045.50	33	58	53	49	42	36	31	26	11	0	0
196	Non-Participating	334981.10	229083.45	33	58	53	49	41	36	31	26	12	0	0
197	Non-Participating	333923.45	229248.37	33	57	52	48	41	36	32	27	14	0	0
198	Non-Participating	332822.67	230403.22	33	57	52	48	41	36	32	26	13	0	0
245	Non-Participating	335414.52	229358.66	33	57	52	48	41	36	31	26	13	0	0
247	Non-Participating	335445.94	229401.00	33	57	52	48	41	36	32	26	13	0	0
176	Non-Participating	339966.86	231346.11	33	58	53	49	42	36	31	25	9	0	0
229	Non-Participating	335368.15	229076.42	33	57	52	48	41	36	31	25	10	0	0
244	Non-Participating	335425.43	229336.50	33	57	52	48	41	36	31	26	12	0	0
337	Non-Participating	335063.07	229058.63	33	58	53	49	41	36	31	26	12	0	0
395	Non-Participating	345501.77	235060.08	33	58	52	49	41	36	31	25	11	0	0
413	Non-Participating	342550.55	236953.57	33	58	53	49	41	36	31	25	10	0	0
429	Non-Participating	335223.24	228930.42	33	57	52	48	42	36	31	25	9	0	0
435	Non-Participating	335455.48	229370.18	33	57	52	48	41	36	31	26	12	0	0
243	Non-Participating	335431.06	229309.38	33	57	52	48	41	36	31	26	12	0	0
338	Non-Participating	335076.21	229049.17	33	58	53	49	41	36	31	26	11	0	0
415	Non-Participating	342699.73	237031.77	33	58	53	49	41	36	31	25	10	0	0
108	Non-Participating	344870.69	233176.87	33	56	51	47	41	36	31	24	9	0	0

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
233	Non-Participating	335381.12	229089.12	33	57	52	48	41	36	31	25	10	0	0
339	Non-Participating	335105.13	229033.13	33	58	52	49	41	36	31	25	11	0	0
340	Non-Participating	335118.53	229027.88	33	58	52	49	41	36	31	25	11	0	0
342	Non-Participating	335133.85	229020.37	33	57	52	49	41	36	31	25	11	0	0
343	Non-Participating	335158.48	229000.81	33	57	52	48	41	36	31	25	10	0	0
350	Non-Participating	335034.93	229007.57	33	58	53	49	41	35	31	25	11	0	0
194	Non-Participating	335419.22	229176.86	33	57	51	48	41	36	31	25	11	0	0
231	Non-Participating	335306.55	229030.72	33	57	52	48	41	36	31	25	10	0	0
242	Non-Participating	335442.96	229286.23	33	57	52	48	41	36	31	26	12	0	0
287	Non-Participating	335342.55	229049.63	33	57	52	48	41	36	31	25	10	0	0
326	Non-Participating	345361.76	235096.64	33	56	51	48	41	36	31	25	12	0	0
341	Non-Participating	335141.40	229010.79	33	57	52	48	41	36	31	25	11	0	0
230	Non-Participating	335325.82	229037.26	33	57	52	48	41	36	31	25	10	0	0
241	Non-Participating	335447.92	229262.09	33	57	52	48	41	36	31	25	11	0	0
239	Non-Participating	335443.96	229235.63	33	57	51	48	41	35	31	25	11	0	0
344	Non-Participating	335161.11	228983.20	33	57	52	48	41	35	31	25	10	0	0
403	Non-Participating	335473.51	229262.07	33	57	51	48	41	35	31	25	11	0	0
148	Non-Participating	341407.60	231202.37	33	57	52	48	41	36	31	24	9	0	0
238	Non-Participating	335443.62	229217.77	33	56	51	48	41	35	31	25	11	0	0
240	Non-Participating	335486.95	229243.90	33	56	51	48	41	35	31	25	11	0	0
345	Non-Participating	335165.58	228970.58	33	57	52	48	41	35	31	25	10	0	0
417	Non-Participating	342982.14	237171.00	33	57	52	48	41	35	31	25	10	0	0
100	Participating	339253.95	230673.50	32	56	51	48	41	35	30	24	10	0	0
163	Non-Participating	344320.07	230668.28	32	57	52	48	40	35	31	25	12	0	0
232	Non-Participating	335276.28	229015.03	32	57	52	48	41	35	31	25	10	0	0
374	Non-Participating	345441.19	235075.17	32	56	51	47	41	35	31	25	11	0	0
402	Non-Participating	335477.50	229219.02	32	56	51	47	40	35	31	25	10	0	0
236	Non-Participating	335484.58	229197.64	32	56	51	47	40	35	30	25	10	0	0
237	Non-Participating	335463.14	229189.99	32	56	51	47	40	35	30	25	10	0	0
288	Non-Participating	335293.45	229014.86	32	57	52	48	41	35	30	25	10	0	0
365	Non-Participating	335449.32	229173.95	32	56	51	47	40	35	30	25	10	0	0
405	Non-Participating	335411.54	229146.82	32	56	51	47	40	35	30	25	10	0	0
432	Non-Participating	335237.55	228942.96	32	57	52	48	41	35	30	24	9	0	0
434	Non-Participating	335174.94	228935.63	32	57	52	48	41	35	30	24	9	0	0
234	Non-Participating	335414.52	229134.43	32	56	51	47	40	35	30	25	10	0	0
404	Non-Participating	335268.04	228984.41	32	57	52	48	40	35	30	25	9	0	0
414	Non-Participating	342436.58	237086.18	32	57	52	48	41	35	30	24	8	0	0
418	Non-Participating	343027.39	237230.08	32	57	52	48	41	35	30	24	9	0	0
430	Non-Participating	335245.61	228965.24	32	57	52	48	40	35	30	24	9	0	0
431	Non-Participating	335257.51	228973.94	32	57	52	48	40	35	30	25	9	0	0
60	Non-Participating	333999.20	228981.15	32	56	51	47	40	35	30	25	11	0	0
129	Non-Participating	345549.53	231489.59	32	57	52	48	40	35	30	25	11	0	0
215	Non-Participating	332821.87	232514.92	32	57	52	48	40	35	30	24	9	0	0
235	Non-Participating	335585.84	229209.17	32	56	51	47	40	35	30	24	9	0	0
315	Non-Participating	345486.60	231384.20	32	57	52	48	40	35	30	25	11	0	0
427	Non-Participating	335319.25	228953.71	32	57	52	48	40	35	30	24	9	0	0
428	Non-Participating	335284.40	228933.03	32	57	52	48	40	35	30	24	9	0	0
189	Non-Participating	345705.71	232523.62	32	57	51	48	40	35	30	24	9	0	0
179	Non-Participating	340385.40	231185.05	32	56	51	47	41	35	30	23	6	0	0
293	Non-Participating	339141.92	230235.71	32	56	50	47	40	35	30	24	10	0	0
433	Non-Participating	335259.98	228881.12	32	57	52	48	40	35	30	24	8	0	0
423	Non-Participating	335373.54	228881.72	32	57	52	48	40	35	30	24	8	0	0
130	Non-Participating	345584.55	231404.78	32	56	51	47	40	34	30	24	10	0	0
161	Non-Participating	344255.60	230516.44	32	56	51	47	40	34	30	24	10	0	0
424	Non-Participating	335399.08	228865.72	32	57	52	48	40	34	29	23	7	0	0
103	Non-Participating	332637.99	231353.47	31	56	51	47	40	34	29	24	9	0	0
165	Non-Participating	344075.91	230472.46	31	56	51	47	40	34	29	24	9	0	0
317	Non-Participating	345594.03	231344.33	31	56	51	47	40	34	29	24	9	0	0
328	Non-Participating	345508.13	235479.18	31	55	50	46	40	34	29	23	9	0	0
426	Non-Participating	335503.15	228822.61	31	56	51	47	40	34	29	23	6	0	0
131	Non-Participating	345777.42	231603.52	31	56	51	47	40	34	29	23	8	0	0
296	Non-Participating	339239.93	229918.40	31	56	51	47	40	34	29	23	7	0	0
162	Non-Participating	344372.76	230484.95	31	55	50	46	39	34	29	23	9	0	0
425	Non-Participating	335580.04	228817.52	31	56	51	47	40	34	29	23	6	0	0
419	Non-Participating	343238.22	237404.60	31	56	51	47	39	34	29	22	7	0	0
200	Non-Participating	333525.42	235386.75	31	55	50	46	39	34	29	23	8	0	0
186	Non-Participating	343327.72	237147.27	31	55	50	46	40	34	29	21	6	0	0
316	Non-Participating	345626.42	231265.97	31	55	50	46	39	33	29	23	8	0	0
319	Non-Participating	344448.58	230384.67	31	55	50	46	39	33	29	23	8	0	0
391	Non-Participating	344183.74	230356.78	31	55	50	46	39	34	29	23	8	0	0
160	Non-Participating	344541.82	230365.07	30	55	50	46	39	33	28	22	7	0	0
318	Non-Participating	345623.65	231092.92	30	56	51	47	39	33	28	22	7	0	0
422	Non-Participating	343226.75	237472.54	30	56	50	47	39	34	28	22	6	0	0
410	Non-Participating	339182.66	236713.13	30	55	49	45	40	34	28	20	3	0	0
327	Non-Participating	345486.92	235529.50	30	53	48	44	39	34	28	20	3	0	0
412	Non-Participating	339677.98	236287.76	30	55	50	46	40	34	27	18	0	0	0

Table E-2.1: Vestas V150-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
329	Non-Participating	345488.17	235645.09	29	52	47	43	38	33	27	19	3	0	0
159	Non-Participating	340812.42	230544.35	29	54	49	45	39	33	27	18	0	0	0
307	Non-Participating	345406.15	235618.42	29	52	47	43	38	33	27	19	3	0	0
377	Non-Participating	340416.62	230703.35	29	53	47	44	38	33	27	18	0	0	0
411	Non-Participating	339596.75	236334.92	29	55	50	46	39	33	26	17	0	0	0
409	Non-Participating	338424.04	236725.09	29	53	48	44	39	33	26	16	0	0	0
150	Non-Participating	340693.19	230535.73	29	53	48	44	38	33	26	18	0	0	0
305	Non-Participating	340588.33	230360.86	29	54	49	45	38	33	26	18	0	0	0
147	Non-Participating	340809.21	230238.36	29	54	49	45	38	32	26	17	0	0	0
303	Non-Participating	340627.37	230287.76	29	54	49	45	38	32	26	17	0	0	0
7	Non-Participating	340619.01	230414.74	29	53	48	44	38	32	26	17	0	0	0
304	Non-Participating	340531.02	230315.72	29	54	49	45	38	32	26	17	0	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
7	Non-Participating	340619.01	230414.74	29	53	49	45	38	32	26	19	0	0	0
8	Non-Participating	341206.90	231923.63	37	59	55	52	44	38	34	31	20	0	0
9	Non-Participating	341121.66	232207.19	38	60	55	52	44	39	35	32	22	0	0
10	Participating	341079.81	233420.36	40	62	58	55	47	41	38	35	27	0	0
11	Non-Participating	341049.27	233571.17	40	62	58	54	47	41	38	35	26	0	0
12	Non-Participating	341006.81	234016.54	39	61	57	54	46	40	37	34	23	0	0
13	Non-Participating	341016.71	234074.59	39	61	57	54	46	40	37	34	23	0	0
14	Non-Participating	340968.84	234036.14	39	61	57	54	46	40	37	34	23	0	0
15	Non-Participating	341076.95	234083.32	39	61	57	54	46	40	37	34	22	0	0
16	Non-Participating	340879.71	234236.86	39	61	57	54	46	40	37	34	23	0	0
17	Non-Participating	340742.44	234490.20	39	61	57	54	46	40	36	33	23	0	0
18	Non-Participating	340657.22	234941.38	38	61	57	54	45	39	36	33	21	0	0
19	Non-Participating	340588.07	234970.56	38	61	57	53	45	39	36	33	21	0	0
20	Non-Participating	340638.92	235053.44	38	60	56	53	45	39	35	32	20	0	0
21	Non-Participating	342005.50	235640.05	39	61	57	53	45	40	36	34	25	0	0
22	Non-Participating	341872.67	235277.59	39	61	57	54	46	40	37	34	26	0	0
23	Non-Participating	341934.99	235383.33	39	61	57	54	46	40	37	34	26	0	0
24	Non-Participating	341721.59	235055.03	39	61	57	54	46	40	36	33	23	0	0
25	Non-Participating	341578.11	234929.83	38	61	57	53	45	39	36	32	21	0	0
26	Non-Participating	341682.02	234513.38	39	61	57	54	46	40	37	34	23	0	0
27	Non-Participating	341476.66	234231.74	39	61	57	54	46	40	36	33	22	0	0
28	Non-Participating	341713.34	234171.52	39	61	57	54	46	40	37	34	24	0	0
29	Non-Participating	341851.95	234174.27	40	62	58	54	47	41	38	35	26	0	0
30	Non-Participating	341855.46	234041.23	40	62	58	55	47	41	38	35	27	2	0
31	Non-Participating	341824.93	233794.99	41	63	59	55	48	42	39	37	29	7	0
32	Non-Participating	342012.49	233466.68	45	65	61	58	51	44	42	40	35	17	0
33	Participating	344177.40	235671.76	48	63	58	57	52	45	46	44	37	28	8
34	Non-Participating	342654.65	236319.69	37	60	56	52	44	38	35	32	23	0	0
35	Non-Participating	342599.16	236290.69	37	60	55	52	44	38	35	32	22	0	0
36	Non-Participating	342784.48	236030.56	40	62	58	54	46	41	38	36	28	0	0
37	Non-Participating	342658.75	236111.13	39	61	57	53	45	40	37	34	25	0	0
38	Non-Participating	342520.52	236163.69	38	60	56	53	45	39	36	33	23	0	0
39	Non-Participating	337948.82	231778.99	39	61	57	54	45	40	36	33	24	0	0
40	Non-Participating	337786.46	231577.83	41	62	58	55	47	41	38	36	28	3	0
41	Participating	337895.35	231924.61	38	61	57	53	45	40	36	33	23	0	0
42	Non-Participating	337793.49	232287.20	37	60	56	53	45	39	35	31	18	0	0
43	Participating	337831.92	232573.72	39	61	57	54	46	40	36	33	21	0	0
44	Non-Participating	338058.38	232745.47	40	62	58	55	46	41	37	34	23	0	0
45	Non-Participating	337913.04	232761.35	39	62	58	54	46	40	37	34	22	0	0
46	Non-Participating	338154.23	232818.74	40	63	58	55	47	41	38	35	24	0	0
47	Participating	337895.97	233277.19	42	63	59	56	48	42	39	37	27	0	0
48	Participating	339078.04	235081.18	46	66	62	59	51	45	43	41	35	14	0
49	Non-Participating	340323.61	234764.77	39	61	57	53	46	40	37	34	25	0	0
50	Non-Participating	339469.06	235633.18	39	61	57	54	46	40	37	34	24	0	0
51	Non-Participating	339271.45	235752.24	40	62	58	54	46	40	37	35	25	0	0
52	Non-Participating	337029.73	233025.30	40	62	57	54	46	40	37	34	25	0	0
53	Participating	336928.74	233068.67	40	62	58	54	46	41	37	35	25	0	0
54	Participating	336675.58	233267.47	41	62	58	55	47	41	38	36	26	0	0
55	Participating	336836.24	233782.14	45	65	61	58	50	44	42	40	34	12	0
56	Participating	336425.06	233873.49	44	64	60	57	50	44	41	39	33	11	0
57	Participating	336486.51	234473.33	44	65	61	58	50	44	42	40	33	11	0
58	Participating	336340.64	234698.00	45	65	61	58	51	45	42	41	35	16	0
59	Non-Participating	335666.14	234700.67	44	65	60	57	49	44	41	39	32	9	0
60	Non-Participating	333999.20	228981.15	33	56	52	48	40	34	31	27	15	0	0
61	Non-Participating	333755.57	229734.57	38	60	56	53	44	38	35	33	24	0	0
62	Non-Participating	333847.32	229373.27	35	57	53	50	42	36	33	30	19	0	0
63	Non-Participating	335138.86	230556.19	42	63	59	55	48	42	39	37	29	6	0
64	Participating	334906.39	231392.04	44	65	61	57	50	44	41	40	33	12	0
65	Participating	334754.48	231361.92	45	65	61	58	51	45	42	41	34	14	0
66	Participating	335066.82	231489.07	43	64	60	57	49	43	40	39	31	10	0
67	Non-Participating	335776.17	231493.65	39	62	58	54	46	40	37	34	24	0	0
68	Participating	335690.38	231758.87	39	62	58	54	46	40	37	34	23	0	0
69	Participating	335688.52	231912.75	38	61	57	53	45	39	36	33	22	0	0
70	Participating	336191.79	231976.63	38	62	58	54	46	40	36	33	21	0	0
71	Participating	336177.55	232034.57	38	62	58	54	45	40	36	33	21	0	0
72	Participating	336211.03	232092.03	38	61	57	54	45	39	36	32	20	0	0
73	Participating	336308.92	232146.29	38	61	57	54	45	39	36	32	20	0	0
74	Non-Participating	336785.25	232179.98	39	62	58	55	46	40	36	33	22	0	0
75	Non-Participating	335925.26	229927.91	37	59	55	52	44	38	34	31	21	0	0
76	Non-Participating	335686.43	229995.80	37	59	55	52	44	38	35	32	21	0	0
77	Non-Participating	335918.39	229834.92	36	59	54	51	43	37	34	31	20	0	0
78	Non-Participating	335881.54	229871.20	36	59	55	51	43	37	34	31	20	0	0
79	Non-Participating	335584.73	230033.94	37	60	56	52	44	38	35	32	22	0	0
80	Non-Participating	335320.05	230148.41	39	61	57	54	45	40	37	35	26	0	0
81	Non-Participating	335515.98	230064.52	38	60	56	53	44	39	36	33	23	0	0
82	Non-Participating	335560.99	230050.90	38	60	56	53	44	39	35	33	22	0	0

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
83	Non-Participating	332901.42	231530.67	35	57	53	50	42	36	33	29	18	0	0
84	Non-Participating	337155.97	229781.81	37	61	56	53	44	38	35	32	22	0	0
85	Non-Participating	337136.59	229633.36	36	60	56	52	44	37	34	31	20	0	0
86	Non-Participating	336947.73	229755.79	37	60	56	53	44	38	35	32	21	0	0
87	Non-Participating	336782.70	229699.82	36	60	56	52	44	38	34	31	20	0	0
88	Non-Participating	336550.90	229807.21	37	59	55	52	43	38	34	32	21	0	0
89	Non-Participating	336140.59	229704.67	35	58	54	51	42	37	33	30	18	0	0
90	Non-Participating	336618.43	230128.16	40	62	58	55	46	40	37	35	27	1	0
91	Non-Participating	336259.64	230212.38	40	62	58	55	47	41	38	36	28	4	0
94	Participating	336949.89	230606.28	43	64	59	56	49	43	40	39	32	10	0
95	Non-Participating	338742.06	230940.07	36	59	55	51	43	38	34	31	21	0	0
97	Non-Participating	337909.23	231706.50	39	61	57	54	46	40	37	34	25	0	0
98	Non-Participating	338859.13	230498.68	36	58	54	51	43	37	33	30	20	0	0
99	Non-Participating	336164.15	234962.10	44	65	61	57	50	44	41	40	33	14	0
100	Participating	339253.95	230673.50	33	56	52	49	41	35	31	27	14	0	0
101	Participating	337191.41	232831.80	39	61	57	54	46	40	37	34	22	0	0
102	Participating	335797.20	231375.53	40	62	58	55	46	40	37	35	25	0	0
103	Non-Participating	332637.99	231353.47	31	54	50	47	39	33	29	25	12	0	0
104	Participating	335542.47	231879.12	39	61	57	53	45	40	36	34	24	0	0
105	Participating	335966.89	231753.98	39	62	58	54	46	40	37	34	23	0	0
106	Non-Participating	345067.46	233458.47	34	57	53	49	42	36	32	28	15	0	0
108	Non-Participating	344870.69	233176.87	33	55	51	48	41	36	31	26	13	0	0
109	Non-Participating	334203.96	234687.99	37	59	55	52	44	38	35	32	22	0	0
110	Non-Participating	344977.78	234726.38	37	58	54	51	44	38	35	32	23	0	0
111	Participating	334574.05	234626.42	40	61	57	54	46	40	38	36	28	2	0
112	Non-Participating	334950.38	234608.63	44	64	60	57	50	44	41	40	34	15	0
113	Non-Participating	334353.04	234690.06	38	60	56	53	45	39	36	33	24	0	0
114	Non-Participating	344987.88	232865.77	34	56	52	49	42	36	32	29	18	0	0
115	Non-Participating	338632.36	232751.57	43	64	60	57	49	43	40	38	31	8	0
116	Participating	335494.72	234613.35	46	66	62	59	51	45	43	41	35	17	0
117	Participating	335142.48	234743.07	46	66	62	59	51	45	43	41	35	17	0
118	Non-Participating	335584.82	234635.80	45	65	61	58	50	44	42	40	34	13	0
120	Non-Participating	339482.91	234868.46	44	64	60	57	49	44	41	39	32	7	0
121	Non-Participating	339638.33	234862.63	43	64	60	57	49	43	41	39	31	7	0
122	Non-Participating	334624.66	234761.27	41	62	58	54	47	41	38	36	29	5	0
123	Non-Participating	339736.51	234867.53	43	64	60	57	49	43	40	38	31	7	0
124	Non-Participating	340007.16	234908.55	41	62	58	55	47	41	38	36	27	1	0
125	Non-Participating	340993.89	234167.74	39	61	57	54	46	40	37	34	22	0	0
126	Non-Participating	340445.02	234817.50	40	62	58	55	46	40	37	34	24	0	0
127	Non-Participating	340575.54	235607.14	35	59	55	52	43	37	33	29	14	0	0
128	Non-Participating	342733.56	236815.89	35	58	54	50	42	36	32	29	17	0	0
129	Non-Participating	345549.53	231489.59	33	56	52	49	40	34	30	27	15	0	0
130	Non-Participating	345584.55	231404.78	32	56	52	48	40	34	30	26	14	0	0
131	Non-Participating	345777.42	231603.52	32	56	51	48	40	33	29	25	12	0	0
132	Participating	343696.12	234679.31	45	66	61	58	51	45	42	41	34	13	0
133	Non-Participating	343494.66	234880.42	45	66	62	59	51	45	43	41	34	14	0
134	Participating	343576.49	234704.89	45	65	61	58	50	45	42	40	33	10	0
138	Participating	343275.28	234590.37	45	66	62	59	51	45	43	41	34	14	0
139	Participating	342974.92	234623.28	45	65	61	58	51	45	42	40	33	11	0
141	Participating	342664.93	234395.97	44	65	61	58	50	44	41	40	32	8	0
144	Non-Participating	341897.78	235318.44	39	61	57	54	46	40	37	34	26	0	0
147	Non-Participating	340809.21	230238.36	29	54	50	46	39	32	26	20	0	0	0
148	Non-Participating	341407.60	231202.37	33	56	52	49	41	35	31	27	13	0	0
149	Participating	341152.14	232004.80	37	59	55	52	44	38	34	31	21	0	0
150	Non-Participating	340693.19	230535.73	29	53	49	45	39	32	27	20	0	0	0
151	Non-Participating	341369.51	232973.70	40	61	57	54	46	41	37	35	26	0	0
152	Non-Participating	340979.59	233862.74	40	62	57	54	46	41	37	34	24	0	0
153	Non-Participating	341622.77	234658.38	38	61	57	54	45	40	36	33	22	0	0
154	Non-Participating	341066.41	233017.48	41	62	58	55	47	41	38	36	29	6	0
155	Non-Participating	344029.65	236165.66	43	61	57	55	48	42	41	38	31	14	0
156	Non-Participating	340482.25	235539.69	35	59	55	51	43	37	33	29	15	0	0
157	Non-Participating	341100.85	233545.46	40	62	57	54	46	41	38	35	25	0	0
158	Non-Participating	341305.07	231905.58	37	59	55	52	44	38	34	31	20	0	0
159	Non-Participating	340812.42	230544.35	29	53	49	46	39	32	27	20	1	0	0
160	Non-Participating	344541.82	230365.07	31	55	51	47	39	33	29	25	11	0	0
161	Non-Participating	344255.60	230516.44	32	55	51	48	40	34	30	26	14	0	0
162	Non-Participating	344372.76	230484.95	32	55	51	47	39	33	29	26	13	0	0
163	Non-Participating	344320.07	230668.28	33	56	52	49	41	35	31	28	16	0	0
164	Non-Participating	344140.90	231025.41	36	58	54	51	43	37	34	31	22	0	0
165	Non-Participating	344075.91	230472.46	32	55	51	48	40	34	30	26	13	0	0
166	Participating	342332.55	232929.63	45	66	62	58	51	45	42	41	34	13	0
167	Participating	342671.36	232690.59	44	65	61	58	50	44	41	40	32	10	0
168	Participating	342938.87	232793.74	44	65	61	58	50	44	41	40	32	7	0
169	Participating	342808.80	232783.79	44	65	61	57	49	44	41	39	31	5	0
170	Non-Participating	343477.72	231817.82	40	62	58	54	46	41	38	36	27	0	0
171	Non-Participating	343202.37	232031.90	41	63	59	55	47	41	38	36	27	0	0

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
172	Non-Participating	343761.03	231354.62	38	60	56	53	45	39	36	34	25	0	0
173	Non-Participating	345188.05	231964.06	36	59	54	51	43	37	34	31	22	0	0
174	Non-Participating	339852.67	231417.16	34	57	53	50	42	36	32	27	14	0	0
175	Non-Participating	345180.52	231808.74	36	58	54	51	43	37	34	31	22	0	0
176	Non-Participating	339966.86	231346.11	34	57	53	50	42	36	31	27	13	0	0
177	Non-Participating	345413.96	231818.19	34	57	53	50	41	35	32	29	18	0	0
178	Non-Participating	345012.80	232439.17	36	57	53	50	43	37	34	31	22	0	0
179	Non-Participating	340385.40	231185.05	32	55	51	48	41	35	30	25	10	0	0
180	Non-Participating	342956.89	232633.22	44	65	61	57	49	44	41	39	31	7	0
181	Non-Participating	339045.58	235889.18	40	62	58	54	46	40	37	35	26	0	0
182	Non-Participating	342898.74	236978.73	34	58	53	50	42	36	32	28	16	0	0
183	Participating	338505.60	235812.05	42	64	60	56	48	42	40	38	31	9	0
184	Participating	343055.87	233185.69	46	67	62	59	52	46	43	42	35	13	0
185	Non-Participating	339315.79	235711.42	40	62	58	54	46	40	37	35	25	0	0
186	Non-Participating	343327.72	237147.27	31	55	51	47	40	33	29	23	10	0	0
187	Non-Participating	339353.98	235681.81	40	62	57	54	46	40	37	35	25	0	0
188	Non-Participating	339623.53	235375.44	40	62	58	55	46	41	38	35	25	0	0
189	Non-Participating	345705.71	232523.62	33	56	52	49	40	34	30	26	13	0	0
190	Non-Participating	345115.72	232546.57	35	56	52	49	42	36	33	30	20	0	0
191	Non-Participating	345125.98	232273.64	36	58	54	50	43	37	34	31	22	0	0
192	Non-Participating	345050.58	233066.89	34	56	52	49	41	36	32	28	16	0	0
193	Non-Participating	345123.85	232842.60	34	56	52	49	42	36	32	28	17	0	0
194	Non-Participating	335419.22	229176.86	33	56	52	48	41	35	31	27	15	0	0
195	Non-Participating	335025.84	229302.51	35	58	54	51	42	37	33	30	19	0	0
196	Non-Participating	334981.10	229083.45	34	58	53	50	42	35	32	28	16	0	0
197	Non-Participating	333923.45	229248.37	34	56	52	49	41	35	32	29	18	0	0
198	Non-Participating	332822.67	230403.22	34	57	53	49	41	35	32	29	17	0	0
199	Non-Participating	336321.22	232985.79	39	61	57	54	46	40	37	34	23	0	0
200	Non-Participating	333525.42	235386.75	31	54	50	47	39	33	29	25	11	0	0
201	Non-Participating	334095.49	235253.68	35	57	53	50	42	36	33	30	20	0	0
202	Non-Participating	333769.80	232404.10	39	60	56	53	45	39	36	34	25	0	0
203	Non-Participating	344516.83	233594.15	36	58	54	51	44	38	34	31	19	0	0
204	Non-Participating	343744.53	234355.93	43	64	60	57	49	44	41	39	32	8	0
205	Participating	344029.89	233780.62	41	62	58	55	47	42	39	36	28	2	0
206	Non-Participating	344602.35	233712.48	37	59	55	52	44	39	35	32	21	0	0
207	Non-Participating	335296.04	235467.48	45	65	61	58	51	44	42	41	35	19	0
208	Non-Participating	343697.30	234526.86	44	65	61	58	50	44	42	40	33	10	0
209	Non-Participating	337327.53	236001.35	37	61	57	53	45	39	35	31	19	0	0
210	Non-Participating	337229.49	236055.82	37	61	57	53	44	38	35	31	19	0	0
211	Non-Participating	337104.28	236088.28	37	60	56	53	44	38	34	31	19	0	0
212	Non-Participating	337832.56	236097.90	37	61	57	53	45	39	35	32	20	0	0
213	Non-Participating	337716.99	236207.28	37	60	56	53	44	38	34	31	18	0	0
214	Non-Participating	338026.44	235945.98	39	62	57	54	46	40	37	34	24	0	0
215	Non-Participating	332821.87	232514.92	33	56	52	49	40	34	30	26	12	0	0
216	Non-Participating	335093.90	230425.80	42	63	59	56	48	42	40	38	31	9	0
217	Non-Participating	335198.91	230232.82	41	62	58	55	47	41	38	36	28	5	0
218	Non-Participating	335008.66	230661.24	43	64	60	56	48	43	40	38	31	9	0
219	Non-Participating	335622.68	229966.54	37	60	55	52	44	38	35	32	21	0	0
220	Non-Participating	337411.59	231725.22	43	64	60	56	49	43	40	38	31	11	0
221	Participating	342013.52	235093.05	41	62	58	54	47	41	38	36	29	6	0
222	Participating	338873.00	232058.55	39	62	58	54	46	40	37	34	25	0	0
223	Non-Participating	333795.83	229505.84	36	58	54	51	43	37	34	31	21	0	0
224	Non-Participating	334970.68	229357.17	36	59	55	51	43	37	34	31	20	0	0
225	Non-Participating	334891.17	229376.02	36	59	55	51	43	37	34	31	21	0	0
226	Non-Participating	334882.71	229348.13	36	58	54	51	43	37	34	31	21	0	0
227	Non-Participating	334857.65	229329.64	36	58	54	51	43	37	34	31	21	0	0
228	Non-Participating	333969.22	229358.27	35	57	53	50	42	36	33	30	20	0	0
229	Non-Participating	335368.15	229076.42	34	57	53	49	42	36	32	27	14	0	0
230	Non-Participating	335325.82	229037.26	33	57	52	49	41	35	31	27	14	0	0
231	Non-Participating	335306.55	229030.72	33	57	52	49	41	35	31	27	14	0	0
232	Non-Participating	335276.28	229015.03	33	57	52	49	41	35	31	27	14	0	0
233	Non-Participating	335381.12	229089.12	34	57	53	49	41	35	31	27	14	0	0
234	Non-Participating	335414.52	229134.43	33	56	52	48	41	35	31	27	14	0	0
235	Non-Participating	335585.84	229209.17	33	56	52	48	40	34	30	26	13	0	0
236	Non-Participating	335484.58	229197.64	33	56	52	48	41	35	31	27	14	0	0
237	Non-Participating	335463.14	229189.99	33	56	52	48	41	35	31	27	14	0	0
238	Non-Participating	335443.62	229217.77	33	56	52	49	41	35	31	27	15	0	0
239	Non-Participating	335443.96	229235.63	33	56	52	49	41	35	31	27	15	0	0
240	Non-Participating	335486.95	229243.90	33	56	52	49	41	35	31	27	15	0	0
241	Non-Participating	335447.92	229262.09	33	56	52	49	41	35	31	28	15	0	0
242	Non-Participating	335442.96	229286.23	34	56	52	49	41	35	31	28	16	0	0
243	Non-Participating	335431.06	229309.38	34	56	52	49	41	35	31	28	16	0	0
244	Non-Participating	335425.43	229336.50	34	56	52	49	41	35	32	28	16	0	0
245	Non-Participating	335414.52	229358.66	34	57	52	49	41	35	32	28	17	0	0
246	Non-Participating	335408.57	229381.48	34	57	53	49	41	36	32	29	17	0	0
247	Non-Participating	335445.94	229401.00	34	57	53	49	41	36	32	28	17	0	0

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
248	Non-Participating	335399.24	229408.04	34	57	53	49	42	36	32	29	17	0	0
249	Non-Participating	335387.44	229457.32	35	58	54	50	42	36	33	30	18	0	0
250	Non-Participating	335201.53	229457.55	36	58	54	51	43	37	34	31	20	0	0
251	Non-Participating	335198.55	229438.70	36	58	54	51	43	37	33	30	20	0	0
252	Non-Participating	335189.95	229407.94	36	58	54	51	42	37	33	30	19	0	0
253	Non-Participating	335187.64	229343.45	35	58	54	51	42	36	33	30	19	0	0
254	Non-Participating	335181.03	229317.65	35	58	54	50	42	36	33	30	18	0	0
255	Non-Participating	335181.03	229297.48	35	58	54	50	42	36	33	29	18	0	0
256	Non-Participating	335153.24	229342.46	35	58	54	51	42	36	33	30	19	0	0
257	Non-Participating	335132.08	229473.43	36	59	55	51	43	37	34	31	21	0	0
258	Non-Participating	335137.37	229451.60	36	59	55	51	43	37	34	31	21	0	0
259	Non-Participating	335125.79	229403.64	36	59	54	51	43	37	33	31	20	0	0
260	Non-Participating	335101.98	229412.24	36	59	55	51	43	37	34	31	20	0	0
261	Non-Participating	335093.71	229465.16	36	59	55	52	43	37	34	31	21	0	0
262	Non-Participating	335096.03	229370.57	36	59	54	51	43	37	33	30	20	0	0
263	Participating	336458.19	233835.69	44	64	60	57	49	44	41	39	32	10	0
264	Non-Participating	336925.47	233356.50	42	63	59	56	48	42	39	37	29	4	0
265	Participating	335594.53	231977.29	38	61	56	53	45	39	36	33	23	0	0
266	Participating	335581.27	231815.28	39	61	56	53	45	40	36	34	24	0	0
267	Participating	335600.26	231705.96	39	61	57	54	46	40	37	34	24	0	0
268	Participating	334575.26	231537.14	49	68	64	61	54	48	46	45	40	24	0
269	Non-Participating	334981.61	229433.51	37	59	55	52	43	37	34	31	22	0	0
271	Non-Participating	335059.75	229472.58	37	59	55	52	43	37	34	31	22	0	0
272	Non-Participating	335050.02	229330.04	36	59	54	51	43	37	33	30	19	0	0
273	Non-Participating	335058.44	229312.88	35	58	54	51	42	37	33	30	19	0	0
274	Non-Participating	334991.91	229284.75	35	58	54	51	42	36	33	30	19	0	0
275	Non-Participating	334920.32	229255.01	35	58	54	51	42	36	33	30	19	0	0
276	Non-Participating	334914.58	229323.11	36	58	54	51	43	37	33	31	20	0	0
277	Non-Participating	335011.36	229183.68	35	58	54	51	42	36	32	29	18	0	0
278	Non-Participating	334992.01	229180.10	35	58	54	51	42	36	32	29	18	0	0
279	Non-Participating	334974.44	229182.25	35	58	54	51	42	36	32	29	18	0	0
280	Non-Participating	334992.36	229217.02	35	58	54	51	42	36	33	29	18	0	0
281	Non-Participating	335019.96	229224.19	35	58	54	51	42	36	33	29	18	0	0
282	Non-Participating	335079.46	229207.34	35	58	54	50	42	36	32	29	17	0	0
283	Non-Participating	335116.38	229263.25	35	58	54	50	42	36	33	29	18	0	0
284	Non-Participating	335073.45	229251.31	35	58	54	51	42	36	33	29	18	0	0
285	Non-Participating	335069.77	229292.06	35	58	54	51	42	36	33	30	19	0	0
286	Non-Participating	335139.17	229215.50	34	58	53	50	42	36	32	29	17	0	0
287	Non-Participating	335342.55	229049.63	33	57	52	49	41	35	31	27	14	0	0
288	Non-Participating	335293.45	229014.86	33	57	52	49	41	35	31	27	14	0	0
289	Non-Participating	337610.78	232421.85	37	60	56	53	45	39	35	31	18	0	0
290	Participating	336940.17	233497.06	43	64	60	57	49	43	40	39	31	9	0
291	Non-Participating	338860.88	230343.97	35	58	53	50	42	36	33	29	19	0	0
292	Non-Participating	338925.12	230244.29	34	57	53	50	42	36	32	29	18	0	0
293	Non-Participating	339141.92	230235.71	32	55	51	48	40	34	30	26	14	0	0
296	Non-Participating	339239.93	229918.40	32	56	51	48	40	34	29	25	11	0	0
303	Non-Participating	340627.37	230287.76	29	54	49	46	39	32	26	20	0	0	0
304	Non-Participating	340531.02	230315.72	29	53	49	46	39	32	26	19	0	0	0
305	Non-Participating	340588.33	230360.86	29	53	49	46	39	32	27	20	0	0	0
306	Non-Participating	342938.03	236918.46	34	58	53	50	42	36	32	29	17	0	0
307	Non-Participating	345406.15	235618.42	29	51	47	44	38	32	27	21	7	0	0
308	Non-Participating	345292.80	234930.55	34	56	52	49	42	36	32	29	17	0	0
309	Non-Participating	344892.19	234722.46	38	59	55	52	44	39	35	33	24	0	0
310	Non-Participating	345045.34	234496.63	36	58	54	51	43	37	34	31	20	0	0
311	Non-Participating	344972.16	233663.75	36	58	54	51	43	37	34	30	17	0	0
312	Non-Participating	344897.12	233619.17	37	60	55	52	44	38	34	31	18	0	0
313	Non-Participating	344874.70	233150.13	35	57	53	49	42	36	32	28	16	0	0
314	Non-Participating	344979.36	233176.72	35	57	53	50	42	37	33	29	16	0	0
315	Non-Participating	345486.60	231384.20	33	56	52	49	40	34	30	27	15	0	0
316	Non-Participating	345626.42	231265.97	31	55	51	47	39	33	29	25	12	0	0
317	Non-Participating	345594.03	231344.33	32	56	52	48	40	34	30	26	13	0	0
318	Non-Participating	345623.65	231092.92	31	55	51	48	39	33	29	25	11	0	0
319	Non-Participating	344448.58	230384.67	31	55	51	47	39	33	29	25	12	0	0
320	Non-Participating	343732.02	231504.09	39	61	56	53	45	40	37	35	27	2	0
321	Non-Participating	343807.33	231352.64	39	60	56	53	45	39	36	34	26	0	0
322	Non-Participating	343778.26	231422.96	39	60	56	53	45	39	36	34	26	1	0
323	Non-Participating	343747.52	231399.98	39	60	56	53	45	39	36	34	26	0	0
324	Non-Participating	338745.15	230705.29	37	59	55	52	44	38	34	31	22	0	0
325	Non-Participating	345327.67	234867.94	35	58	54	51	42	36	33	29	17	0	0
326	Non-Participating	345361.76	235096.64	31	54	49	46	40	34	30	24	11	0	0
327	Non-Participating	345486.92	235529.50	30	53	48	45	39	33	28	22	7	0	0
328	Non-Participating	345508.13	235479.18	30	53	48	45	39	33	28	22	7	0	0
329	Non-Participating	345488.17	235645.09	29	52	47	44	38	32	28	21	6	0	0
336	Non-Participating	344283.22	230858.86	35	57	53	50	41	36	32	29	19	0	0
337	Non-Participating	335063.07	229058.63	34	57	53	50	41	35	32	28	15	0	0
338	Non-Participating	335076.21	229049.17	34	57	53	50	41	35	31	28	15	0	0

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
339	Non-Participating	335105.13	229033.13	34	57	53	50	41	35	31	28	15	0	0
340	Non-Participating	335118.53	229027.88	34	57	53	50	41	35	31	28	15	0	0
341	Non-Participating	335141.40	229010.79	33	57	53	49	41	35	31	27	14	0	0
342	Non-Participating	335133.85	229020.37	34	57	53	50	41	35	31	27	15	0	0
343	Non-Participating	335158.48	229000.81	34	57	53	49	41	35	31	27	14	0	0
344	Non-Participating	335161.11	228983.20	33	57	53	49	41	35	31	27	14	0	0
345	Non-Participating	335165.58	228970.58	33	57	53	49	41	35	31	27	14	0	0
347	Participating	342982.73	232934.90	45	66	62	58	50	45	42	40	33	8	0
348	Non-Participating	344422.24	235727.15	42	61	57	54	47	41	41	38	30	14	0
349	Participating	344265.39	235331.48	44	63	59	56	50	44	42	40	33	14	0
350	Non-Participating	335034.93	229007.57	33	57	53	50	41	35	31	27	15	0	0
351	Non-Participating	345006.87	233113.24	35	57	53	50	42	36	33	29	16	0	0
353	Non-Participating	344918.82	234567.99	37	58	54	51	44	38	35	32	23	0	0
354	Non-Participating	344495.84	233600.35	36	58	54	51	44	38	34	31	19	0	0
355	Non-Participating	344024.23	233828.84	41	62	58	55	47	42	39	36	28	1	0
356	Participating	343702.13	234287.71	44	64	60	57	49	44	41	39	32	9	0
357	Participating	343113.63	234584.82	45	66	62	59	51	45	43	41	34	14	0
360	Non-Participating	341011.74	234032.89	39	61	57	54	46	40	37	34	23	0	0
361	Non-Participating	340703.75	234900.99	38	61	57	53	45	39	36	32	21	0	0
362	Participating	338345.89	233030.41	42	64	60	56	48	42	39	37	28	0	0
363	Participating	336130.87	234286.29	44	65	61	58	50	44	42	40	33	12	0
364	Non-Participating	333810.00	229622.00	37	60	56	52	44	38	35	32	23	0	0
365	Non-Participating	335449.32	229173.95	33	56	52	48	41	35	31	27	14	0	0
366	Non-Participating	334957.44	229211.36	35	58	54	51	42	36	33	29	18	0	0
367	Non-Participating	335143.74	229291.99	35	58	54	50	42	36	33	29	18	0	0
368	Non-Participating	335089.70	229329.51	35	58	54	51	42	37	33	30	19	0	0
369	Non-Participating	336217.08	229757.63	35	57	53	50	42	37	33	30	20	0	0
370	Non-Participating	337013.01	229595.84	36	59	55	52	43	37	33	30	19	0	0
371	Participating	335656.83	231843.96	39	61	57	54	46	40	37	34	23	0	0
372	Participating	335654.04	231694.20	39	61	56	53	45	40	36	33	23	0	0
373	Non-Participating	345194.33	232633.78	34	56	52	49	41	36	32	29	18	0	0
374	Non-Participating	345441.19	235075.17	33	56	51	48	41	35	31	27	15	0	0
377	Non-Participating	340416.62	230703.35	29	52	48	45	39	32	27	20	1	0	0
378	Non-Participating	337408.76	236027.93	37	61	57	53	44	38	35	31	19	0	0
379	Non-Participating	337415.28	236162.68	36	60	56	53	44	38	34	30	17	0	0
380	Non-Participating	338243.81	235988.41	39	62	58	54	46	40	37	34	26	0	0
381	Non-Participating	338219.93	235798.87	41	63	59	56	47	42	39	36	29	5	0
382	Non-Participating	334962.23	229267.84	35	58	54	51	42	36	33	30	19	0	0
385	Non-Participating	337015.73	236271.48	36	59	55	52	43	37	33	30	16	0	0
386	Non-Participating	337446.94	236180.49	36	60	56	53	44	38	34	30	17	0	0
387	Non-Participating	337687.63	236115.76	37	60	56	52	44	38	34	31	19	0	0
388	Non-Participating	340623.75	234937.34	38	61	57	54	45	39	36	33	21	0	0
389	Non-Participating	341051.54	234075.51	39	61	57	54	46	40	37	34	22	0	0
390	Participating	340833.84	233719.46	40	62	58	55	47	41	38	36	27	0	0
391	Non-Participating	344183.74	230356.78	31	55	51	47	39	33	29	25	11	0	0
392	Participating	344124.42	235688.44	51	63	59	58	55	48	49	46	40	33	17
393	Participating	342660.39	232660.56	44	65	61	58	50	44	41	40	33	11	0
394	Non-Participating	340621.60	234929.14	38	61	57	54	45	40	36	33	21	0	0
395	Non-Participating	345501.77	235060.08	33	56	52	49	41	35	31	27	14	0	0
400	Non-Participating	338199.16	232479.56	39	62	58	54	46	40	37	34	22	0	0
401	Participating	335656.19	231874.96	39	61	57	54	45	40	36	33	23	0	0
402	Non-Participating	335477.50	229219.02	33	56	52	48	41	35	31	27	14	0	0
403	Non-Participating	335473.51	229262.07	33	56	52	49	41	35	31	27	15	0	0
404	Non-Participating	335268.04	228984.41	33	56	52	49	41	34	31	27	13	0	0
405	Non-Participating	335411.54	229146.82	33	56	52	48	41	35	31	27	14	0	0
406	Non-Participating	335193.90	229392.40	35	58	54	51	42	37	33	30	19	0	0
407	Non-Participating	344177.55	232529.49	43	63	59	56	48	43	40	38	31	7	0
408	Participating	344054.32	233223.52	43	63	59	56	49	43	40	39	32	10	0
409	Non-Participating	338424.04	236725.09	29	53	49	45	39	33	26	18	0	0	0
410	Non-Participating	339182.66	236713.13	31	54	50	46	40	34	28	22	7	0	0
411	Non-Participating	339596.75	236334.92	29	55	51	47	39	32	26	19	0	0	0
412	Non-Participating	339677.98	236287.76	30	55	51	47	40	33	27	20	1	0	0
413	Non-Participating	342550.55	236953.57	34	57	53	50	41	35	31	27	14	0	0
414	Non-Participating	342436.58	237086.18	33	56	52	49	41	35	30	26	12	0	0
415	Non-Participating	342699.73	237031.77	34	57	53	50	41	35	31	27	14	0	0
416	Non-Participating	342904.14	237045.50	34	57	53	50	41	35	31	28	15	0	0
417	Non-Participating	342982.14	237171.00	33	57	53	49	41	35	31	27	14	0	0
418	Non-Participating	343027.39	237230.08	33	56	52	49	41	34	30	26	13	0	0
419	Non-Participating	343238.22	237404.60	31	55	51	48	40	33	29	24	11	0	0
422	Non-Participating	343226.75	237472.54	31	55	51	47	39	33	28	24	10	0	0
423	Non-Participating	335373.54	228881.72	32	56	52	49	40	34	30	26	11	0	0
424	Non-Participating	335399.08	228865.72	32	56	52	49	40	34	30	26	11	0	0
425	Non-Participating	335580.04	228817.52	32	56	52	48	40	33	29	25	10	0	0
426	Non-Participating	335503.15	228822.61	32	56	52	48	40	34	29	25	10	0	0
427	Non-Participating	335319.25	228953.71	33	56	52	49	41	34	30	26	13	0	0
428	Non-Participating	335284.40	228933.03	33	56	52	49	40	34	30	26	13	0	0

Table E-3: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
429	Non-Participating	335223.24	228930.42	34	57	52	49	42	36	32	27	13	0	0
430	Non-Participating	335245.61	228965.24	33	56	52	49	41	34	31	27	13	0	0
431	Non-Participating	335257.51	228973.94	33	56	52	49	41	34	31	27	13	0	0
432	Non-Participating	335237.55	228942.96	33	57	52	49	41	35	31	27	13	0	0
433	Non-Participating	335259.98	228881.12	32	56	52	49	40	34	30	26	12	0	0
434	Non-Participating	335174.94	228935.63	33	57	53	49	41	35	31	27	13	0	0
435	Non-Participating	335455.48	229370.18	34	56	52	49	41	35	32	28	16	0	0
436	Non-Participating	334845.20	229337.96	36	58	54	51	43	37	34	31	21	0	0
437	Non-Participating	336810.77	235834.82	38	60	56	53	45	39	36	33	23	0	0
438	Non-Participating	336415.85	236151.48	36	59	55	52	44	38	34	31	19	0	0
439	Non-Participating	340963.13	233791.22	40	62	58	54	46	41	37	35	25	0	0
440	Non-Participating	336163.73	232070.18	38	62	57	54	45	39	36	33	20	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
392	Participating	344124.42	235688.44	51	63	59	58	55	48	49	46	40	33	17
268	Participating	334575.26	231537.14	49	68	64	61	54	48	46	45	40	24	0
33	Participating	344177.40	235671.76	48	63	58	57	52	45	46	44	37	28	8
184	Participating	343055.87	233185.69	46	67	62	59	52	46	43	42	35	13	0
117	Participating	335142.48	234743.07	46	66	62	59	51	45	43	41	35	17	0
116	Participating	335494.72	234613.35	46	66	62	59	51	45	43	41	35	17	0
48	Participating	339078.04	235081.18	46	66	62	59	51	45	43	41	35	14	0
133	Non-Participating	343494.66	234880.42	45	66	62	59	51	45	43	41	34	14	0
357	Participating	343113.63	234584.82	45	66	62	59	51	45	43	41	34	14	0
138	Participating	343275.28	234590.37	45	66	62	59	51	45	43	41	34	14	0
58	Participating	336340.64	234698.00	45	65	61	58	51	45	42	41	35	16	0
132	Participating	343696.12	234679.31	45	66	61	58	51	45	42	41	34	13	0
65	Participating	334754.48	231361.92	45	65	61	58	51	45	42	41	34	14	0
166	Participating	342332.55	232929.63	45	66	62	58	51	45	42	41	34	13	0
207	Non-Participating	335296.04	235467.48	45	65	61	58	51	44	42	41	35	19	0
139	Participating	342974.92	234623.28	45	65	61	58	51	45	42	40	33	11	0
32	Non-Participating	342012.49	233466.68	45	65	61	58	51	44	42	40	35	17	0
134	Participating	343576.49	234704.89	45	65	61	58	50	45	42	40	33	10	0
347	Participating	342982.73	232934.90	45	66	62	58	50	45	42	40	33	8	0
118	Non-Participating	335584.82	234635.80	45	65	61	58	50	44	42	40	34	13	0
55	Participating	336836.24	233782.14	45	65	61	58	50	44	42	40	34	12	0
112	Non-Participating	334950.38	234608.63	44	64	60	57	50	44	41	40	34	15	0
349	Participating	344265.39	235331.48	44	63	59	56	50	44	42	40	33	14	0
57	Participating	336486.51	234473.33	44	65	61	58	50	44	42	40	33	11	0
363	Participating	336130.87	234286.29	44	65	61	58	50	44	42	40	33	12	0
208	Non-Participating	343697.30	234526.86	44	65	61	58	50	44	42	40	33	10	0
99	Non-Participating	336164.15	234962.10	44	65	61	57	50	44	41	40	33	14	0
141	Participating	342664.93	234395.97	44	65	61	58	50	44	41	40	32	8	0
168	Participating	342938.87	232793.74	44	65	61	58	50	44	41	40	32	7	0
393	Participating	342660.39	232660.56	44	65	61	58	50	44	41	40	33	11	0
56	Participating	336425.06	233873.49	44	64	60	57	50	44	41	39	33	11	0
64	Participating	334906.39	231392.04	44	65	61	57	50	44	41	40	33	12	0
167	Participating	342671.36	232690.59	44	65	61	58	50	44	41	40	32	10	0
169	Participating	342808.80	232783.79	44	65	61	57	49	44	41	39	31	5	0
120	Non-Participating	339482.91	234868.46	44	64	60	57	49	44	41	39	32	7	0
180	Non-Participating	342956.89	232633.22	44	65	61	57	49	44	41	39	31	7	0
263	Participating	336458.19	233835.69	44	64	60	57	49	44	41	39	32	10	0
59	Non-Participating	335666.14	234700.67	44	65	60	57	49	44	41	39	32	9	0
356	Participating	343702.13	234287.71	44	64	60	57	49	44	41	39	32	9	0
204	Non-Participating	343744.53	234355.93	43	64	60	57	49	44	41	39	32	8	0
94	Participating	336949.89	230606.28	43	64	59	56	49	43	40	39	32	10	0
121	Non-Participating	339638.33	234862.63	43	64	60	57	49	43	41	39	31	7	0
290	Participating	336940.17	233497.06	43	64	60	57	49	43	40	39	31	9	0
408	Participating	344054.32	233223.52	43	63	59	56	49	43	40	39	32	10	0
66	Participating	335066.82	231489.07	43	64	60	57	49	43	40	39	31	10	0
123	Non-Participating	339736.51	234867.53	43	64	60	57	49	43	40	38	31	7	0
115	Non-Participating	338632.36	232751.57	43	64	60	57	49	43	40	38	31	8	0
407	Non-Participating	344177.55	232529.49	43	63	59	56	48	43	40	38	31	7	0
155	Non-Participating	344029.65	236165.66	43	61	57	55	48	42	41	38	31	14	0
220	Non-Participating	337411.59	231725.22	43	64	60	56	49	43	40	38	31	11	0
218	Non-Participating	335008.66	230661.24	43	64	60	56	48	43	40	38	31	9	0
183	Participating	338505.60	235812.05	42	64	60	56	48	42	40	38	31	9	0
348	Non-Participating	344422.24	235727.15	42	61	57	54	47	41	41	38	30	14	0
216	Non-Participating	335093.90	230425.80	42	63	59	56	48	42	40	38	31	9	0
264	Non-Participating	336925.47	233356.50	42	63	59	56	48	42	39	37	29	4	0
362	Participating	338345.89	233030.41	42	64	60	56	48	42	39	37	28	0	0
47	Participating	337895.97	233277.19	42	63	59	56	48	42	39	37	27	0	0
63	Non-Participating	335138.86	230556.19	42	63	59	55	48	42	39	37	29	6	0
31	Non-Participating	341824.93	233794.99	41	63	59	55	48	42	39	37	29	7	0
205	Participating	344029.89	233780.62	41	62	58	55	47	42	39	36	28	2	0
381	Non-Participating	338219.93	235798.87	41	63	59	56	47	42	39	36	29	5	0
355	Non-Participating	344024.23	233828.84	41	62	58	55	47	42	39	36	28	1	0
154	Non-Participating	341066.41	233017.48	41	62	58	55	47	41	38	36	29	6	0
122	Non-Participating	334624.66	234761.27	41	62	58	54	47	41	38	36	29	5	0
171	Non-Participating	343202.37	232031.90	41	63	59	55	47	41	38	36	27	0	0
40	Non-Participating	337786.46	231577.83	41	62	58	55	47	41	38	36	28	3	0
217	Non-Participating	335198.91	230232.82	41	62	58	55	47	41	38	36	28	5	0
221	Participating	342013.52	235093.05	41	62	58	54	47	41	38	36	29	6	0
54	Participating	336675.58	233267.47	41	62	58	55	47	41	38	36	26	0	0
124	Non-Participating	340007.16	234908.55	41	62	58	55	47	41	38	36	27	1	0
390	Participating	340833.84	233719.46	40	62	58	55	47	41	38	36	27	0	0
36	Non-Participating	342784.48	236030.56	40	62	58	54	46	41	38	36	28	0	0
10	Participating	341079.81	233420.36	40	62	58	55	47	41	38	35	27	0	0
91	Non-Participating	336259.64	230212.38	40	62	58	55	47	41	38	36	28	4	0
30	Non-Participating	341855.46	234041.23	40	62	58	55	47	41	38	35	27	2	0
111	Participating	334574.05	234626.42	40	61	57	54	46	40	38	36	28	2	0

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
46	Non-Participating	338154.23	232818.74	40	63	58	55	47	41	38	35	24	0	0
170	Non-Participating	343477.72	231817.82	40	62	58	54	46	41	38	36	27	0	0
11	Non-Participating	341049.27	233571.17	40	62	58	54	47	41	38	35	26	0	0
90	Non-Participating	336618.43	230128.16	40	62	58	55	46	40	37	35	27	1	0
188	Non-Participating	339623.53	235375.44	40	62	58	55	46	41	38	35	25	0	0
29	Non-Participating	341851.95	234174.27	40	62	58	54	47	41	38	35	26	0	0
157	Non-Participating	341100.85	233545.46	40	62	57	54	46	41	38	35	25	0	0
53	Participating	336928.74	233068.67	40	62	58	54	46	41	37	35	25	0	0
151	Non-Participating	341369.51	232973.70	40	61	57	54	46	41	37	35	26	0	0
181	Non-Participating	339045.58	235889.18	40	62	58	54	46	40	37	35	26	0	0
439	Non-Participating	340963.13	233791.22	40	62	58	54	46	41	37	35	25	0	0
102	Participating	335797.20	231375.53	40	62	58	55	46	40	37	35	25	0	0
44	Non-Participating	338058.38	232745.47	40	62	58	55	46	41	37	34	23	0	0
51	Non-Participating	339271.45	235752.24	40	62	58	54	46	40	37	35	25	0	0
52	Non-Participating	337029.73	233025.30	40	62	57	54	46	40	37	34	25	0	0
126	Non-Participating	340445.02	234817.50	40	62	58	55	46	40	37	34	24	0	0
152	Non-Participating	340979.59	233862.74	40	62	57	54	46	41	37	34	24	0	0
185	Non-Participating	339315.79	235711.42	40	62	58	54	46	40	37	35	25	0	0
187	Non-Participating	339353.98	235681.81	40	62	57	54	46	40	37	35	25	0	0
380	Non-Participating	338243.81	235988.41	39	62	58	54	46	40	37	34	26	0	0
320	Non-Participating	343732.02	231504.09	39	61	56	53	45	40	37	35	27	2	0
28	Non-Participating	341713.34	234171.52	39	61	57	54	46	40	37	34	24	0	0
23	Non-Participating	341934.99	235383.33	39	61	57	54	46	40	37	34	26	0	0
50	Non-Participating	339469.06	235633.18	39	61	57	54	46	40	37	34	24	0	0
67	Non-Participating	335776.17	231493.65	39	62	58	54	46	40	37	34	24	0	0
80	Non-Participating	335320.05	230148.41	39	61	57	54	45	40	37	35	26	0	0
222	Participating	338873.00	232058.55	39	62	58	54	46	40	37	34	25	0	0
22	Non-Participating	341872.67	235277.59	39	61	57	54	46	40	37	34	26	0	0
45	Non-Participating	337913.04	232761.35	39	62	58	54	46	40	37	34	22	0	0
12	Non-Participating	341006.81	234016.54	39	61	57	54	46	40	37	34	23	0	0
14	Non-Participating	340968.84	234036.14	39	61	57	54	46	40	37	34	23	0	0
144	Non-Participating	341897.78	235318.44	39	61	57	54	46	40	37	34	26	0	0
37	Non-Participating	342658.75	236111.13	39	61	57	53	45	40	37	34	25	0	0
49	Non-Participating	340323.61	234764.77	39	61	57	53	46	40	37	34	25	0	0
97	Non-Participating	337909.23	231706.50	39	61	57	54	46	40	37	34	25	0	0
267	Participating	335600.26	231705.96	39	61	57	54	46	40	37	34	24	0	0
360	Non-Participating	341011.74	234032.89	39	61	57	54	46	40	37	34	23	0	0
26	Non-Participating	341682.02	234513.38	39	61	57	54	46	40	37	34	23	0	0
322	Non-Participating	343778.26	231422.96	39	60	56	53	45	39	36	34	26	1	0
13	Non-Participating	341016.71	234074.59	39	61	57	54	46	40	37	34	23	0	0
16	Non-Participating	340879.71	234236.86	39	61	57	54	46	40	37	34	23	0	0
68	Participating	335690.38	231758.87	39	62	58	54	46	40	37	34	23	0	0
214	Non-Participating	338026.44	235945.98	39	62	57	54	46	40	37	34	24	0	0
389	Non-Participating	341051.54	234075.51	39	61	57	54	46	40	37	34	22	0	0
400	Non-Participating	338199.16	232479.56	39	62	58	54	46	40	37	34	22	0	0
101	Participating	337191.41	232831.80	39	61	57	54	46	40	37	34	22	0	0
15	Non-Participating	341076.95	234083.32	39	61	57	54	46	40	37	34	22	0	0
74	Non-Participating	336785.25	232179.98	39	62	58	55	46	40	36	33	22	0	0
105	Participating	335966.89	231753.98	39	62	58	54	46	40	37	34	23	0	0
125	Non-Participating	340993.89	234167.74	39	61	57	54	46	40	37	34	22	0	0
199	Non-Participating	336321.22	232985.79	39	61	57	54	46	40	37	34	23	0	0
21	Non-Participating	342005.50	235640.05	39	61	57	53	45	40	36	34	25	0	0
17	Non-Participating	340742.44	234490.20	39	61	57	54	46	40	36	33	23	0	0
24	Non-Participating	341721.59	235055.03	39	61	57	54	46	40	36	33	23	0	0
104	Participating	335542.47	231879.12	39	61	57	53	45	40	36	34	24	0	0
371	Participating	335656.83	231843.96	39	61	57	54	46	40	37	34	23	0	0
27	Non-Participating	341476.66	234231.74	39	61	57	54	46	40	36	33	22	0	0
39	Non-Participating	337948.82	231778.99	39	61	57	54	45	40	36	33	24	0	0
266	Participating	335581.27	231815.28	39	61	56	53	45	40	36	34	24	0	0
323	Non-Participating	343747.52	231399.98	39	60	56	53	45	39	36	34	26	0	0
43	Participating	337831.92	232573.72	39	61	57	54	46	40	36	33	21	0	0
202	Non-Participating	333769.80	232404.10	39	60	56	53	45	39	36	34	25	0	0
321	Non-Participating	343807.33	231352.64	39	60	56	53	45	39	36	34	26	0	0
372	Participating	335654.04	231694.20	39	61	56	53	45	40	36	33	23	0	0
401	Participating	335656.19	231874.96	39	61	57	54	45	40	36	33	23	0	0
70	Participating	336191.79	231976.63	38	62	58	54	46	40	36	33	21	0	0
153	Non-Participating	341622.77	234658.38	38	61	57	54	45	40	36	33	22	0	0
69	Participating	335688.52	231912.75	38	61	57	53	45	39	36	33	22	0	0
265	Participating	335594.53	231977.29	38	61	56	53	45	39	36	33	23	0	0
41	Participating	337895.35	231924.61	38	61	57	53	45	40	36	33	23	0	0
172	Non-Participating	343761.03	231354.62	38	60	56	53	45	39	36	34	25	0	0
71	Participating	336177.55	232034.57	38	62	58	54	45	40	36	33	21	0	0
394	Non-Participating	340621.60	234929.14	38	61	57	54	45	40	36	33	21	0	0
113	Non-Participating	334353.04	234690.06	38	60	56	53	45	39	36	33	24	0	0
388	Non-Participating	340623.75	234937.34	38	61	57	54	45	39	36	33	21	0	0
440	Non-Participating	336163.73	232070.18	38	62	57	54	45	39	36	33	20	0	0

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
18	Non-Participating	340657.22	234941.38	38	61	57	54	45	39	36	33	21	0	0
19	Non-Participating	340588.07	234970.56	38	61	57	53	45	39	36	33	21	0	0
25	Non-Participating	341578.11	234929.83	38	61	57	53	45	39	36	32	21	0	0
72	Participating	336211.03	232092.03	38	61	57	54	45	39	36	32	20	0	0
38	Non-Participating	342520.52	236163.69	38	60	56	53	45	39	36	33	23	0	0
361	Non-Participating	340703.75	234900.99	38	61	57	53	45	39	36	32	21	0	0
437	Non-Participating	336810.77	235834.82	38	60	56	53	45	39	36	33	23	0	0
81	Non-Participating	335515.98	230064.52	38	60	56	53	44	39	36	33	23	0	0
309	Non-Participating	344892.19	234722.46	38	59	55	52	44	39	35	33	24	0	0
61	Non-Participating	333755.57	229734.57	38	60	56	53	44	38	35	33	24	0	0
73	Participating	336308.92	232146.29	38	61	57	54	45	39	36	32	20	0	0
82	Non-Participating	335560.99	230050.90	38	60	56	53	44	39	35	33	22	0	0
9	Non-Participating	341121.66	232207.19	38	60	55	52	44	39	35	32	22	0	0
20	Non-Participating	340638.92	235053.44	38	60	56	53	45	39	35	32	20	0	0
34	Non-Participating	342654.65	236319.69	37	60	56	52	44	38	35	32	23	0	0
35	Non-Participating	342599.16	236290.69	37	60	55	52	44	38	35	32	22	0	0
42	Non-Participating	337793.49	232287.20	37	60	56	53	45	39	35	31	18	0	0
79	Non-Participating	335584.73	230033.94	37	60	56	52	44	38	35	32	22	0	0
206	Non-Participating	344602.35	233712.48	37	59	55	52	44	39	35	32	21	0	0
84	Non-Participating	337155.97	229781.81	37	61	56	53	44	38	35	32	22	0	0
212	Non-Participating	337832.56	236097.90	37	61	57	53	45	39	35	32	20	0	0
289	Non-Participating	337610.78	232421.85	37	60	56	53	45	39	35	31	18	0	0
353	Non-Participating	344918.82	234567.99	37	58	54	51	44	38	35	32	23	0	0
209	Non-Participating	337327.53	236001.35	37	61	57	53	45	39	35	31	19	0	0
364	Non-Participating	333810.00	229622.00	37	60	56	52	44	38	35	32	23	0	0
378	Non-Participating	337408.76	236027.93	37	61	57	53	44	38	35	31	19	0	0
76	Non-Participating	335686.43	229995.80	37	59	55	52	44	38	35	32	21	0	0
219	Non-Participating	335622.68	229966.54	37	60	55	52	44	38	35	32	21	0	0
110	Non-Participating	344977.78	234726.38	37	58	54	51	44	38	35	32	23	0	0
86	Non-Participating	336947.73	229755.79	37	60	56	53	44	38	35	32	21	0	0
210	Non-Participating	337229.49	236055.82	37	61	57	53	44	38	35	31	19	0	0
109	Non-Participating	334203.96	234687.99	37	59	55	52	44	38	35	32	22	0	0
88	Non-Participating	336550.90	229807.21	37	59	55	52	43	38	34	32	21	0	0
211	Non-Participating	337104.28	236088.28	37	60	56	53	44	38	34	31	19	0	0
387	Non-Participating	337687.63	236115.76	37	60	56	52	44	38	34	31	19	0	0
75	Non-Participating	335925.26	229927.91	37	59	55	52	44	38	34	31	21	0	0
149	Participating	341152.14	232004.80	37	59	55	52	44	38	34	31	21	0	0
158	Non-Participating	341305.07	231905.58	37	59	55	52	44	38	34	31	20	0	0
312	Non-Participating	344897.12	233619.17	37	60	55	52	44	38	34	31	18	0	0
8	Non-Participating	341206.90	231923.63	37	59	55	52	44	38	34	31	20	0	0
213	Non-Participating	337716.99	236207.28	37	60	56	53	44	38	34	31	18	0	0
269	Non-Participating	334981.61	229433.51	37	59	55	52	43	37	34	31	22	0	0
271	Non-Participating	335059.75	229472.58	37	59	55	52	43	37	34	31	22	0	0
324	Non-Participating	338745.15	230705.29	37	59	55	52	44	38	34	31	22	0	0
87	Non-Participating	336782.70	229699.82	36	60	56	52	44	38	34	31	20	0	0
95	Non-Participating	338742.06	230940.07	36	59	55	51	43	38	34	31	21	0	0
261	Non-Participating	335093.71	229465.16	36	59	55	52	43	37	34	31	21	0	0
354	Non-Participating	344495.84	233600.35	36	58	54	51	44	38	34	31	19	0	0
379	Non-Participating	337415.28	236162.68	36	60	56	53	44	38	34	30	17	0	0
203	Non-Participating	344516.83	233594.15	36	58	54	51	44	38	34	31	19	0	0
386	Non-Participating	337446.94	236180.49	36	60	56	53	44	38	34	30	17	0	0
85	Non-Participating	337136.59	229633.36	36	60	56	52	44	37	34	31	20	0	0
173	Non-Participating	345188.05	231964.06	36	59	54	51	43	37	34	31	22	0	0
438	Non-Participating	336415.85	236151.48	36	59	55	52	44	38	34	31	19	0	0
78	Non-Participating	335881.54	229871.20	36	59	55	51	43	37	34	31	20	0	0
164	Non-Participating	344140.90	231025.41	36	58	54	51	43	37	34	31	22	0	0
175	Non-Participating	345180.52	231808.74	36	58	54	51	43	37	34	31	22	0	0
225	Non-Participating	334891.17	229376.02	36	59	55	51	43	37	34	31	21	0	0
257	Non-Participating	335132.08	229473.43	36	59	55	51	43	37	34	31	21	0	0
310	Non-Participating	345045.34	234496.63	36	58	54	51	43	37	34	31	20	0	0
191	Non-Participating	345125.98	232273.64	36	58	54	50	43	37	34	31	22	0	0
258	Non-Participating	335137.37	229451.60	36	59	55	51	43	37	34	31	21	0	0
77	Non-Participating	335918.39	229834.92	36	59	54	51	43	37	34	31	20	0	0
178	Non-Participating	345012.80	232439.17	36	57	53	50	43	37	34	31	22	0	0
223	Non-Participating	333795.83	229505.84	36	58	54	51	43	37	34	31	21	0	0
226	Non-Participating	334882.71	229348.13	36	58	54	51	43	37	34	31	21	0	0
436	Non-Participating	334845.20	229337.96	36	58	54	51	43	37	34	31	21	0	0
224	Non-Participating	334970.68	229357.17	36	59	55	51	43	37	34	31	20	0	0
227	Non-Participating	334857.65	229329.64	36	58	54	51	43	37	34	31	21	0	0
260	Non-Participating	335101.98	229412.24	36	59	55	51	43	37	34	31	20	0	0
250	Non-Participating	335201.53	229457.55	36	58	54	51	43	37	34	31	20	0	0
259	Non-Participating	335125.79	229403.64	36	59	54	51	43	37	33	31	20	0	0
370	Non-Participating	337013.01	229595.84	36	59	55	52	43	37	33	30	19	0	0
311	Non-Participating	344972.16	233663.75	36	58	54	51	43	37	34	30	17	0	0
251	Non-Participating	335198.55	229438.70	36	58	54	51	43	37	33	30	20	0	0
262	Non-Participating	335096.03	229370.57	36	59	54	51	43	37	33	30	20	0	0

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
276	Non-Participating	334914.58	229323.11	36	58	54	51	43	37	33	31	20	0	0
385	Non-Participating	337015.73	236271.48	36	59	55	52	43	37	33	30	16	0	0
98	Non-Participating	338859.13	230498.68	36	58	54	51	43	37	33	30	20	0	0
252	Non-Participating	335189.95	229407.94	36	58	54	51	42	37	33	30	19	0	0
272	Non-Participating	335050.02	229330.04	36	59	54	51	43	37	33	30	19	0	0
195	Non-Participating	335025.84	229302.51	35	58	54	51	42	37	33	30	19	0	0
273	Non-Participating	335058.44	229312.88	35	58	54	51	42	37	33	30	19	0	0
368	Non-Participating	335089.70	229329.51	35	58	54	51	42	37	33	30	19	0	0
369	Non-Participating	336217.08	229757.63	35	57	53	50	42	37	33	30	20	0	0
406	Non-Participating	335193.90	229392.40	35	58	54	51	42	37	33	30	19	0	0
127	Non-Participating	340575.54	235607.14	35	59	55	52	43	37	33	29	14	0	0
156	Non-Participating	340482.25	235539.69	35	59	55	51	43	37	33	29	15	0	0
274	Non-Participating	334991.91	229284.75	35	58	54	51	42	36	33	30	19	0	0
275	Non-Participating	334920.32	229255.01	35	58	54	51	42	36	33	30	19	0	0
382	Non-Participating	334962.23	229267.84	35	58	54	51	42	36	33	30	19	0	0
256	Non-Participating	335153.24	229342.46	35	58	54	51	42	36	33	30	19	0	0
285	Non-Participating	335069.77	229292.06	35	58	54	51	42	36	33	30	19	0	0
89	Non-Participating	336140.59	229704.67	35	58	54	51	42	37	33	30	18	0	0
228	Non-Participating	333969.22	229358.27	35	57	53	50	42	36	33	30	20	0	0
249	Non-Participating	335387.44	229457.32	35	58	54	50	42	36	33	30	18	0	0
253	Non-Participating	335187.64	229343.45	35	58	54	51	42	36	33	30	19	0	0
201	Non-Participating	334095.49	235253.68	35	57	53	50	42	36	33	30	20	0	0
325	Non-Participating	345327.67	234867.94	35	58	54	51	42	36	33	29	17	0	0
62	Non-Participating	333847.32	229373.27	35	57	53	50	42	36	33	30	19	0	0
254	Non-Participating	335181.03	229317.65	35	58	54	50	42	36	33	30	18	0	0
280	Non-Participating	334992.36	229217.02	35	58	54	51	42	36	33	29	18	0	0
281	Non-Participating	335019.96	229224.19	35	58	54	51	42	36	33	29	18	0	0
284	Non-Participating	335073.45	229251.31	35	58	54	51	42	36	33	29	18	0	0
291	Non-Participating	338860.88	230343.97	35	58	53	50	42	36	33	29	19	0	0
366	Non-Participating	334957.44	229211.36	35	58	54	51	42	36	33	29	18	0	0
367	Non-Participating	335143.74	229291.99	35	58	54	50	42	36	33	29	18	0	0
190	Non-Participating	345115.72	232546.57	35	56	52	49	42	36	33	30	20	0	0
255	Non-Participating	335181.03	229297.48	35	58	54	50	42	36	33	29	18	0	0
283	Non-Participating	335116.38	229263.25	35	58	54	50	42	36	33	29	18	0	0
128	Non-Participating	342733.56	236815.89	35	58	54	50	42	36	32	29	17	0	0
83	Non-Participating	332901.42	231530.67	35	57	53	50	42	36	33	29	18	0	0
279	Non-Participating	334974.44	229182.25	35	58	54	51	42	36	32	29	18	0	0
314	Non-Participating	344979.36	233176.72	35	57	53	50	42	37	33	29	16	0	0
277	Non-Participating	335011.36	229183.68	35	58	54	51	42	36	32	29	18	0	0
278	Non-Participating	334992.01	229180.10	35	58	54	51	42	36	32	29	18	0	0
351	Non-Participating	345006.87	233113.24	35	57	53	50	42	36	33	29	16	0	0
282	Non-Participating	335079.46	229207.34	35	58	54	50	42	36	32	29	17	0	0
313	Non-Participating	344874.70	233150.13	35	57	53	49	42	36	32	28	16	0	0
336	Non-Participating	344283.22	230858.86	35	57	53	50	41	36	32	29	19	0	0
306	Non-Participating	342938.03	236918.46	34	58	53	50	42	36	32	29	17	0	0
114	Non-Participating	344987.88	232865.77	34	56	52	49	42	36	32	29	18	0	0
286	Non-Participating	335139.17	229215.50	34	58	53	50	42	36	32	29	17	0	0
106	Non-Participating	345067.46	233458.47	34	57	53	49	42	36	32	28	15	0	0
177	Non-Participating	345413.96	231818.19	34	57	53	50	41	35	32	29	18	0	0
248	Non-Participating	335399.24	229408.04	34	57	53	49	42	36	32	29	17	0	0
308	Non-Participating	345292.80	234930.55	34	56	52	49	42	36	32	29	17	0	0
292	Non-Participating	338925.12	230244.29	34	57	53	50	42	36	32	29	18	0	0
373	Non-Participating	345194.33	232633.78	34	56	52	49	41	36	32	29	18	0	0
182	Non-Participating	342898.74	236978.73	34	58	53	50	42	36	32	28	16	0	0
193	Non-Participating	345123.85	232842.60	34	56	52	49	42	36	32	28	17	0	0
197	Non-Participating	333923.45	229248.37	34	56	52	49	41	35	32	29	18	0	0
246	Non-Participating	335408.57	229381.48	34	57	53	49	41	36	32	29	17	0	0
174	Non-Participating	339852.67	231417.16	34	57	53	50	42	36	32	27	14	0	0
196	Non-Participating	334981.10	229083.45	34	58	53	50	42	35	32	28	16	0	0
198	Non-Participating	332822.67	230403.22	34	57	53	49	41	35	32	29	17	0	0
247	Non-Participating	335445.94	229401.00	34	57	53	49	41	36	32	28	17	0	0
192	Non-Participating	345050.58	233066.89	34	56	52	49	41	36	32	28	16	0	0
245	Non-Participating	335414.52	229358.66	34	57	52	49	41	35	32	28	17	0	0
229	Non-Participating	335368.15	229076.42	34	57	53	49	42	36	32	27	14	0	0
244	Non-Participating	335425.43	229336.50	34	56	52	49	41	35	32	28	16	0	0
337	Non-Participating	335063.07	229058.63	34	57	53	50	41	35	32	28	15	0	0
435	Non-Participating	335455.48	229370.18	34	56	52	49	41	35	32	28	16	0	0
416	Non-Participating	342904.14	237045.50	34	57	53	50	41	35	31	28	15	0	0
338	Non-Participating	335076.21	229049.17	34	57	53	50	41	35	31	28	15	0	0
176	Non-Participating	339966.86	231346.11	34	57	53	50	42	36	31	27	13	0	0
243	Non-Participating	335431.06	229309.38	34	56	52	49	41	35	31	28	16	0	0
339	Non-Participating	335105.13	229033.13	34	57	53	50	41	35	31	28	15	0	0
340	Non-Participating	335118.53	229027.88	34	57	53	50	41	35	31	28	15	0	0
429	Non-Participating	335223.24	228930.42	34	57	52	49	42	36	32	27	13	0	0
413	Non-Participating	342550.55	236953.57	34	57	53	50	41	35	31	27	14	0	0
415	Non-Participating	342699.73	237031.77	34	57	53	50	41	35	31	27	14	0	0

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
233	Non-Participating	335381.12	229089.12	34	57	53	49	41	35	31	27	14	0	0
242	Non-Participating	335442.96	229286.23	34	56	52	49	41	35	31	28	16	0	0
342	Non-Participating	335133.85	229020.37	34	57	53	50	41	35	31	27	15	0	0
343	Non-Participating	335158.48	229000.81	34	57	53	49	41	35	31	27	14	0	0
194	Non-Participating	335419.22	229176.86	33	56	52	48	41	35	31	27	15	0	0
231	Non-Participating	335306.55	229030.72	33	57	52	49	41	35	31	27	14	0	0
287	Non-Participating	335342.55	229049.63	33	57	52	49	41	35	31	27	14	0	0
341	Non-Participating	335141.40	229010.79	33	57	53	49	41	35	31	27	14	0	0
350	Non-Participating	335034.93	229007.57	33	57	53	50	41	35	31	27	15	0	0
241	Non-Participating	335447.92	229262.09	33	56	52	49	41	35	31	28	15	0	0
108	Non-Participating	344870.69	233176.87	33	55	51	48	41	36	31	26	13	0	0
230	Non-Participating	335325.82	229037.26	33	57	52	49	41	35	31	27	14	0	0
239	Non-Participating	335443.96	229235.63	33	56	52	49	41	35	31	27	15	0	0
344	Non-Participating	335161.11	228983.20	33	57	53	49	41	35	31	27	14	0	0
395	Non-Participating	345501.77	235060.08	33	56	52	49	41	35	31	27	14	0	0
403	Non-Participating	335473.51	229262.07	33	56	52	49	41	35	31	27	15	0	0
163	Non-Participating	344320.07	230668.28	33	56	52	49	41	35	31	28	16	0	0
238	Non-Participating	335443.62	229217.77	33	56	52	49	41	35	31	27	15	0	0
240	Non-Participating	335486.95	229243.90	33	56	52	49	41	35	31	27	15	0	0
345	Non-Participating	335165.58	228970.58	33	57	53	49	41	35	31	27	14	0	0
148	Non-Participating	341407.60	231202.37	33	56	52	49	41	35	31	27	13	0	0
232	Non-Participating	335276.28	229015.03	33	57	52	49	41	35	31	27	14	0	0
402	Non-Participating	335477.50	229219.02	33	56	52	48	41	35	31	27	14	0	0
417	Non-Participating	342982.14	237171.00	33	57	53	49	41	35	31	27	14	0	0
374	Non-Participating	345441.19	235075.17	33	56	51	48	41	35	31	27	15	0	0
100	Participating	339253.95	230673.50	33	56	52	49	41	35	31	27	14	0	0
236	Non-Participating	335484.58	229197.64	33	56	52	48	41	35	31	27	14	0	0
237	Non-Participating	335463.14	229189.99	33	56	52	48	41	35	31	27	14	0	0
288	Non-Participating	335293.45	229014.86	33	57	52	49	41	35	31	27	14	0	0
365	Non-Participating	335449.32	229173.95	33	56	52	48	41	35	31	27	14	0	0
405	Non-Participating	335411.54	229146.82	33	56	52	48	41	35	31	27	14	0	0
432	Non-Participating	335237.55	228942.96	33	57	52	49	41	35	31	27	13	0	0
434	Non-Participating	335174.94	228935.63	33	57	53	49	41	35	31	27	13	0	0
60	Non-Participating	333999.20	228981.15	33	56	52	48	40	34	31	27	15	0	0
234	Non-Participating	335414.52	229134.43	33	56	52	48	41	35	31	27	14	0	0
404	Non-Participating	335268.04	228984.41	33	56	52	49	41	34	31	27	13	0	0
430	Non-Participating	335245.61	228965.24	33	56	52	49	41	34	31	27	13	0	0
431	Non-Participating	335257.51	228973.94	33	56	52	49	41	34	31	27	13	0	0
315	Non-Participating	345486.60	231384.20	33	56	52	49	40	34	30	27	15	0	0
414	Non-Participating	342436.58	237086.18	33	56	52	49	41	35	30	26	12	0	0
129	Non-Participating	345549.53	231489.59	33	56	52	49	40	34	30	27	15	0	0
235	Non-Participating	335585.84	229209.17	33	56	52	48	40	34	30	26	13	0	0
427	Non-Participating	335319.25	228953.71	33	56	52	49	41	34	30	26	13	0	0
418	Non-Participating	343027.39	237230.08	33	56	52	49	41	34	30	26	13	0	0
215	Non-Participating	332821.87	232514.92	33	56	52	49	40	34	30	26	12	0	0
189	Non-Participating	345705.71	232523.62	33	56	52	49	40	34	30	26	13	0	0
428	Non-Participating	335284.40	228933.03	33	56	52	49	40	34	30	26	13	0	0
293	Non-Participating	339141.92	230235.71	32	55	51	48	40	34	30	26	14	0	0
179	Non-Participating	340385.40	231185.05	32	55	51	48	41	35	30	25	10	0	0
433	Non-Participating	335259.98	228881.12	32	56	52	49	40	34	30	26	12	0	0
130	Non-Participating	345584.55	231404.78	32	56	52	48	40	34	30	26	14	0	0
423	Non-Participating	335373.54	228881.72	32	56	52	49	40	34	30	26	11	0	0
424	Non-Participating	335399.08	228865.72	32	56	52	49	40	34	30	26	11	0	0
161	Non-Participating	344255.60	230516.44	32	55	51	48	40	34	30	26	14	0	0
317	Non-Participating	345594.03	231344.33	32	56	52	48	40	34	30	26	13	0	0
165	Non-Participating	344075.91	230472.46	32	55	51	48	40	34	30	26	13	0	0
426	Non-Participating	335503.15	228822.61	32	56	52	48	40	34	29	25	10	0	0
162	Non-Participating	344372.76	230484.95	32	55	51	47	39	33	29	26	13	0	0
296	Non-Participating	339239.93	229918.40	32	56	51	48	40	34	29	25	11	0	0
131	Non-Participating	345777.42	231603.52	32	56	51	48	40	33	29	25	12	0	0
425	Non-Participating	335580.04	228817.52	32	56	52	48	40	33	29	25	10	0	0
326	Non-Participating	345361.76	235096.64	31	54	49	46	40	34	30	24	11	0	0
419	Non-Participating	343238.22	237404.60	31	55	51	48	40	33	29	24	11	0	0
103	Non-Participating	332637.99	231353.47	31	54	50	47	39	33	29	25	12	0	0
316	Non-Participating	345626.42	231265.97	31	55	51	47	39	33	29	25	12	0	0
391	Non-Participating	344183.74	230356.78	31	55	51	47	39	33	29	25	11	0	0
319	Non-Participating	344448.58	230384.67	31	55	51	47	39	33	29	25	12	0	0
200	Non-Participating	333525.42	235386.75	31	54	50	47	39	33	29	25	11	0	0
318	Non-Participating	345623.65	231092.92	31	55	51	48	39	33	29	25	11	0	0
186	Non-Participating	343327.72	237147.27	31	55	51	47	40	33	29	23	10	0	0
160	Non-Participating	344541.82	230365.07	31	55	51	47	39	33	29	25	11	0	0
422	Non-Participating	343226.75	237472.54	31	55	51	47	39	33	28	24	10	0	0
410	Non-Participating	339182.66	236713.13	31	54	50	46	40	34	28	22	7	0	0
327	Non-Participating	345486.92	235529.50	30	53	48	45	39	33	28	22	7	0	0
328	Non-Participating	345508.13	235479.18	30	53	48	45	39	33	28	22	7	0	0
412	Non-Participating	339677.98	236287.76	30	55	51	47	40	33	27	20	1	0	0

Table E-3.1: Nordex N149/4500 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
329	Non-Participating	345488.17	235645.09	29	52	47	44	38	32	28	21	6	0	0
159	Non-Participating	340812.42	230544.35	29	53	49	46	39	32	27	20	1	0	0
307	Non-Participating	345406.15	235618.42	29	51	47	44	38	32	27	21	7	0	0
411	Non-Participating	339596.75	236334.92	29	55	51	47	39	32	26	19	0	0	0
377	Non-Participating	340416.62	230703.35	29	52	48	45	39	32	27	20	1	0	0
305	Non-Participating	340588.33	230360.86	29	53	49	46	39	32	27	20	0	0	0
147	Non-Participating	340809.21	230238.36	29	54	50	46	39	32	26	20	0	0	0
150	Non-Participating	340693.19	230535.73	29	53	49	45	39	32	27	20	0	0	0
303	Non-Participating	340627.37	230287.76	29	54	49	46	39	32	26	20	0	0	0
409	Non-Participating	338424.04	236725.09	29	53	49	45	39	33	26	18	0	0	0
304	Non-Participating	340531.02	230315.72	29	53	49	46	39	32	26	19	0	0	0
7	Non-Participating	340619.01	230414.74	29	53	49	45	38	32	26	19	0	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
7	Non-Participating	340619.01	230414.74	28	56	51	46	39	31	24	18	0	0	0
8	Non-Participating	341206.90	231923.63	35	62	57	52	44	37	32	29	19	0	0
9	Non-Participating	341121.66	232207.19	36	63	57	53	45	38	33	31	22	0	0
10	Participating	341079.81	233420.36	39	65	60	55	47	40	36	34	26	5	0
11	Non-Participating	341049.27	233571.17	39	65	60	55	47	40	35	33	25	2	0
12	Non-Participating	341006.81	234016.54	38	65	59	55	46	40	35	32	22	0	0
13	Non-Participating	341016.71	234074.59	38	64	59	55	46	40	34	32	22	0	0
14	Non-Participating	340968.84	234036.14	38	65	59	55	46	40	35	32	22	0	0
15	Non-Participating	341076.95	234083.32	38	64	59	55	46	39	34	32	21	0	0
16	Non-Participating	340879.71	234236.86	38	64	59	55	46	39	34	32	22	0	0
17	Non-Participating	340742.44	234490.20	38	64	59	54	46	39	34	32	22	0	0
18	Non-Participating	340657.22	234941.38	37	64	59	54	45	39	34	31	20	0	0
19	Non-Participating	340588.07	234970.56	37	64	59	54	45	39	34	31	20	0	0
20	Non-Participating	340638.92	235053.44	37	64	58	54	45	38	33	30	19	0	0
21	Non-Participating	342005.50	235640.05	38	64	59	54	46	39	34	32	24	3	0
22	Non-Participating	341872.67	235277.59	38	64	59	55	46	39	34	32	25	4	0
23	Non-Participating	341934.99	235383.33	38	64	59	54	46	39	35	33	25	6	0
24	Non-Participating	341721.59	235055.03	38	64	59	55	46	39	34	32	23	0	0
25	Non-Participating	341578.11	234929.83	37	64	59	54	45	39	34	31	20	0	0
26	Non-Participating	341682.02	234513.38	38	65	59	55	46	40	35	32	22	0	0
27	Non-Participating	341476.66	234231.74	38	64	59	55	46	39	34	32	21	0	0
28	Non-Participating	341713.34	234171.52	38	65	59	55	46	40	35	32	23	0	0
29	Non-Participating	341851.95	234174.27	39	65	60	55	47	40	35	33	25	3	0
30	Non-Participating	341855.46	234041.23	39	65	60	55	47	40	36	34	26	7	0
31	Non-Participating	341824.93	233794.99	40	66	60	56	48	41	37	35	29	12	0
32	Non-Participating	342012.49	233466.68	44	68	63	58	51	44	39	39	34	22	0
33	Participating	344177.40	235671.76	48	66	60	58	53	45	46	43	37	28	8
34	Non-Participating	342654.65	236319.69	37	63	58	53	45	38	33	31	22	0	0
35	Non-Participating	342599.16	236290.69	37	63	58	53	44	38	33	31	22	0	0
36	Non-Participating	342784.48	236030.56	39	65	60	56	47	40	36	34	27	6	0
37	Non-Participating	342658.75	236111.13	38	64	59	54	46	39	35	33	25	0	0
38	Non-Participating	342520.52	236163.69	37	63	58	54	45	38	34	31	23	0	0
39	Non-Participating	337948.82	231778.99	38	64	59	54	46	39	34	32	23	0	0
40	Non-Participating	337786.46	231577.83	40	65	60	56	47	40	36	34	27	8	0
41	Participating	337895.35	231924.61	37	64	59	54	45	39	34	31	22	0	0
42	Non-Participating	337793.49	232287.20	37	64	59	55	46	39	34	31	20	0	0
43	Participating	337831.92	232573.72	38	65	59	55	46	39	34	31	20	0	0
44	Non-Participating	338058.38	232745.47	39	65	60	56	47	40	35	33	22	0	0
45	Non-Participating	337913.04	232761.35	38	65	60	55	46	40	35	32	21	0	0
46	Non-Participating	338154.23	232818.74	39	66	60	56	47	40	36	33	23	0	0
47	Participating	337895.97	233277.19	40	67	61	57	48	42	37	35	27	4	0
48	Participating	339078.04	235081.18	44	69	64	59	51	45	40	40	34	19	0
49	Non-Participating	340323.61	234764.77	38	64	59	54	46	40	35	32	24	2	0
50	Non-Participating	339469.06	235633.18	38	65	59	55	46	39	35	33	23	0	0
51	Non-Participating	339271.45	235752.24	39	65	60	55	46	40	35	33	25	1	0
52	Non-Participating	337029.73	233025.30	38	65	59	55	46	40	35	33	24	0	0
53	Participating	336928.74	233068.67	39	65	60	55	47	40	35	33	24	0	0
54	Participating	336675.58	233267.47	39	66	60	56	47	41	36	34	26	2	0
55	Participating	336836.24	233782.14	43	68	63	59	51	44	39	38	33	17	0
56	Participating	336425.06	233873.49	43	68	62	58	50	43	39	38	32	17	0
57	Participating	336486.51	234473.33	43	68	63	59	50	44	39	38	32	16	0
58	Participating	336340.64	234698.00	44	69	63	59	51	44	40	39	34	22	0
59	Non-Participating	335666.14	234700.67	43	68	62	58	50	43	39	38	31	14	0
60	Non-Participating	333999.20	228981.15	32	59	54	49	40	34	28	25	14	0	0
61	Non-Participating	333755.57	229734.57	37	63	58	54	44	38	33	31	23	0	0
62	Non-Participating	333847.32	229373.27	34	60	55	51	42	35	30	28	19	0	0
63	Non-Participating	335138.86	230556.19	40	66	61	56	48	41	37	35	29	11	0
64	Participating	334906.39	231392.04	43	68	63	58	50	43	39	38	32	18	0
65	Participating	334754.48	231361.92	44	69	63	59	51	44	40	39	34	20	0
66	Participating	335066.82	231489.07	42	67	62	58	49	42	38	37	31	15	0
67	Non-Participating	335776.17	231493.65	38	65	60	55	46	40	35	33	23	0	0
68	Participating	335690.38	231758.87	38	65	60	55	46	39	34	32	22	0	0
69	Participating	335688.52	231912.75	37	64	59	54	45	39	34	31	22	0	0
70	Participating	336191.79	231976.63	37	65	60	55	46	39	34	31	21	0	0
71	Participating	336177.55	232034.57	37	65	59	55	46	39	34	31	20	0	0
72	Participating	336211.03	232092.03	37	65	59	55	45	39	33	31	20	0	0
73	Participating	336308.92	232146.29	37	64	59	54	45	38	33	30	19	0	0
74	Non-Participating	336785.25	232179.98	38	65	60	55	46	39	34	32	22	0	0
75	Non-Participating	335925.26	229927.91	36	62	57	53	44	37	32	30	20	0	0
76	Non-Participating	335686.43	229995.80	36	63	57	53	44	37	32	30	21	0	0
77	Non-Participating	335918.39	229834.92	35	62	56	52	43	37	31	29	19	0	0
78	Non-Participating	335881.54	229871.20	35	62	57	52	43	37	32	29	19	0	0
79	Non-Participating	335584.73	230033.94	36	63	58	53	44	38	33	31	21	0	0
80	Non-Participating	335320.05	230148.41	38	64	59	55	46	39	35	33	25	4	0
81	Non-Participating	335515.98	230064.52	37	63	58	53	45	38	33	31	22	0	0
82	Non-Participating	335560.99	230050.90	37	63	58	53	44	38	33	31	22	0	0

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
83	Non-Participating	332901.42	231530.67	34	61	55	51	42	35	30	28	17	0	0
84	Non-Participating	337155.97	229781.81	36	64	58	54	44	38	33	30	21	0	0
85	Non-Participating	337136.59	229633.36	35	63	58	53	44	37	32	29	19	0	0
86	Non-Participating	336947.73	229755.79	36	63	58	53	44	37	32	30	20	0	0
87	Non-Participating	336782.70	229699.82	35	63	58	53	44	37	32	29	19	0	0
88	Non-Participating	336550.90	229807.21	36	62	57	52	44	37	32	30	21	0	0
89	Non-Participating	336140.59	229704.67	34	61	56	51	43	36	31	28	18	0	0
90	Non-Participating	336618.43	230128.16	39	65	60	55	46	40	35	33	26	7	0
91	Non-Participating	336259.64	230212.38	39	65	60	56	47	40	35	34	27	9	0
94	Participating	336949.89	230606.28	42	67	61	57	49	42	38	37	32	15	0
95	Non-Participating	338742.06	230940.07	35	62	57	52	44	37	32	30	20	0	0
97	Non-Participating	337909.23	231706.50	38	64	59	55	46	39	34	32	24	1	0
98	Non-Participating	338859.13	230498.68	35	62	56	52	43	36	31	28	19	0	0
99	Non-Participating	336164.15	234962.10	43	68	63	58	50	43	39	38	33	19	0
100	Participating	339253.95	230673.50	32	59	54	49	41	34	28	25	13	0	0
101	Participating	337191.41	232831.80	38	65	59	55	46	39	34	32	22	0	0
102	Participating	335797.20	231375.53	39	65	60	56	46	40	35	33	24	1	0
103	Non-Participating	332637.99	231353.47	31	58	53	49	40	33	27	24	12	0	0
104	Participating	335542.47	231879.12	38	64	58	54	46	39	34	32	23	0	0
105	Participating	335966.89	231753.98	38	65	60	55	46	39	34	32	22	0	0
106	Non-Participating	345067.46	233458.47	33	60	55	50	42	35	30	27	15	0	0
108	Non-Participating	344870.69	233176.87	32	58	53	49	42	35	29	25	12	0	0
109	Non-Participating	334203.96	234687.99	36	63	57	53	44	37	32	30	22	0	0
110	Non-Participating	344977.78	234726.38	36	62	56	52	44	37	33	30	22	0	0
111	Participating	334574.05	234626.42	39	65	59	55	47	40	36	34	27	7	0
112	Non-Participating	334950.38	234608.63	43	68	62	58	50	43	39	39	34	21	0
113	Non-Participating	334353.04	234690.06	37	63	58	54	45	38	34	32	24	0	0
114	Non-Participating	344987.88	232865.77	33	59	54	50	42	36	30	27	17	0	0
115	Non-Participating	338632.36	232751.57	42	67	62	57	49	42	38	36	30	13	0
116	Participating	335494.72	234613.35	45	69	64	59	51	44	40	40	35	22	0
117	Participating	335142.48	234743.07	45	69	64	60	52	45	41	40	35	22	0
118	Non-Participating	335584.82	234635.80	43	68	63	59	51	44	40	39	33	19	0
120	Non-Participating	339482.91	234868.46	42	68	62	58	50	43	39	37	31	12	0
121	Non-Participating	339638.33	234862.63	42	67	62	58	49	43	38	37	30	13	0
122	Non-Participating	334624.66	234761.27	40	65	60	55	47	41	36	35	29	10	0
123	Non-Participating	339736.51	234867.53	42	67	62	57	49	42	38	37	30	12	0
124	Non-Participating	340007.16	234908.55	39	65	60	56	47	41	36	34	27	6	0
125	Non-Participating	340993.89	234167.74	38	64	59	55	46	39	34	32	22	0	0
126	Non-Participating	340445.02	234817.50	38	65	60	55	46	40	35	33	24	0	0
127	Non-Participating	340575.54	235607.14	34	62	57	52	44	37	31	27	14	0	0
128	Non-Participating	342733.56	236815.89	34	61	56	51	43	36	30	28	17	0	0
129	Non-Participating	345549.53	231489.59	32	59	54	50	41	33	28	25	14	0	0
130	Non-Participating	345584.55	231404.78	31	59	54	49	40	33	28	24	13	0	0
131	Non-Participating	345777.42	231603.52	31	59	54	49	40	33	27	24	11	0	0
132	Participating	343696.12	234679.31	44	69	63	59	51	44	40	39	33	18	0
133	Non-Participating	343494.66	234880.42	45	70	64	60	52	45	41	40	34	20	0
134	Participating	343576.49	234704.89	44	69	63	59	51	44	40	39	33	16	0
138	Participating	343275.28	234590.37	44	69	64	59	51	45	40	39	34	19	0
139	Participating	342974.92	234623.28	44	69	63	59	51	44	40	39	33	16	0
141	Participating	342664.93	234395.97	43	68	63	59	50	44	39	38	32	14	0
144	Non-Participating	341897.78	235318.44	38	64	59	54	46	39	34	32	25	5	0
147	Non-Participating	340809.21	230238.36	28	57	52	47	39	31	24	18	0	0	0
148	Non-Participating	341407.60	231202.37	32	60	54	50	41	34	29	25	12	0	0
149	Participating	341152.14	232004.80	36	62	57	52	44	37	32	30	20	0	0
150	Non-Participating	340693.19	230535.73	28	56	50	46	39	31	24	18	0	0	0
151	Non-Participating	341369.51	232973.70	39	64	59	55	46	40	35	33	25	0	0
152	Non-Participating	340979.59	233862.74	38	65	59	55	46	40	35	33	23	0	0
153	Non-Participating	341622.77	234658.38	37	64	59	54	46	39	34	31	21	0	0
154	Non-Participating	341066.41	233017.48	40	65	60	56	47	41	36	35	28	11	0
155	Non-Participating	344029.65	236165.66	42	65	59	55	48	41	40	38	30	14	0
156	Non-Participating	340482.25	235539.69	34	62	57	52	44	37	31	27	14	0	0
157	Non-Participating	341100.85	233545.46	39	65	60	55	47	40	35	33	25	1	0
158	Non-Participating	341305.07	231905.58	36	62	57	52	44	37	32	30	20	0	0
159	Non-Participating	340812.42	230544.35	29	57	51	47	39	32	25	19	0	0	0
160	Non-Participating	344541.82	230365.07	30	58	52	48	39	32	26	23	10	0	0
161	Non-Participating	344255.60	230516.44	31	59	53	49	40	33	28	24	13	0	0
162	Non-Participating	344372.76	230484.95	31	58	53	48	40	33	27	24	13	0	0
163	Non-Participating	344320.07	230668.28	32	59	54	50	41	34	29	26	15	0	0
164	Non-Participating	344140.90	231025.41	35	61	56	52	43	36	31	30	21	0	0
165	Non-Participating	344075.91	230472.46	31	59	53	49	40	33	27	24	12	0	0
166	Participating	342332.55	232929.63	44	69	64	59	51	44	40	39	33	19	0
167	Participating	342671.36	232690.59	43	68	63	58	50	43	39	38	32	16	0
168	Participating	342938.87	232793.74	43	68	63	59	50	43	39	38	31	12	0
169	Participating	342808.80	232783.79	43	68	63	58	50	43	39	38	31	11	0
170	Non-Participating	343477.72	231817.82	39	65	59	55	46	40	35	34	26	4	0
171	Non-Participating	343202.37	232031.90	40	66	61	56	47	41	36	34	27	5	0

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
172	Non-Participating	343761.03	231354.62	37	63	58	53	45	38	34	32	24	4	0
173	Non-Participating	345188.05	231964.06	35	62	56	52	43	36	32	30	21	0	0
174	Non-Participating	339852.67	231417.16	33	61	55	51	42	35	30	26	13	0	0
175	Non-Participating	345180.52	231808.74	35	62	56	52	43	36	32	30	21	0	0
176	Non-Participating	339966.86	231346.11	33	61	55	51	42	35	29	25	12	0	0
177	Non-Participating	345413.96	231818.19	33	60	55	51	42	35	30	27	17	0	0
178	Non-Participating	345012.80	232439.17	35	60	55	51	43	36	31	29	21	0	0
179	Non-Participating	340385.40	231185.05	31	59	53	49	41	34	28	23	9	0	0
180	Non-Participating	342956.89	232633.22	42	68	63	58	50	43	39	37	31	12	0
181	Non-Participating	339045.58	235889.18	39	65	60	55	46	40	35	33	25	4	0
182	Non-Participating	342898.74	236978.73	33	61	56	51	42	35	30	27	15	0	0
183	Participating	338505.60	235812.05	41	67	62	57	49	42	37	36	30	15	0
184	Participating	343055.87	233185.69	45	70	64	60	52	45	41	40	34	19	0
185	Non-Participating	339315.79	235711.42	39	65	60	55	46	40	35	33	25	1	0
186	Non-Participating	343327.72	237147.27	30	58	53	48	40	33	27	22	9	0	0
187	Non-Participating	339353.98	235681.81	38	65	59	55	46	40	35	33	24	0	0
188	Non-Participating	339623.53	235375.44	39	65	60	56	47	40	35	33	24	0	0
189	Non-Participating	345705.71	232523.62	32	59	54	49	41	34	28	25	12	0	0
190	Non-Participating	345115.72	232546.57	34	60	54	50	42	36	30	28	19	0	0
191	Non-Participating	345125.98	232273.64	35	61	56	51	43	36	31	29	21	0	0
192	Non-Participating	345050.58	233066.89	33	60	54	50	42	35	30	27	15	0	0
193	Non-Participating	345123.85	232842.60	33	60	54	50	42	35	30	27	16	0	0
194	Non-Participating	335419.22	229176.86	32	59	54	49	41	35	29	26	14	0	0
195	Non-Participating	335025.84	229302.51	34	62	56	52	43	36	31	28	19	0	0
196	Non-Participating	334981.10	229083.45	33	61	55	51	42	35	29	27	16	0	0
197	Non-Participating	333923.45	229248.37	33	59	54	50	41	35	30	27	17	0	0
198	Non-Participating	332822.67	230403.22	33	60	55	50	41	35	30	27	16	0	0
199	Non-Participating	336321.22	232985.79	38	65	59	55	46	39	34	32	23	0	0
200	Non-Participating	333525.42	235386.75	30	58	52	48	39	32	27	24	11	0	0
201	Non-Participating	334095.49	235253.68	34	60	55	51	42	36	31	29	20	0	0
202	Non-Participating	333769.80	232404.10	37	63	58	53	45	38	34	32	24	2	0
203	Non-Participating	344516.83	233594.15	35	61	56	52	44	37	32	29	18	0	0
204	Non-Participating	343744.53	234355.93	42	67	62	58	50	43	39	37	31	13	0
205	Participating	344029.89	233780.62	40	65	60	56	47	41	36	35	28	8	0
206	Non-Participating	344602.35	233712.48	36	63	57	53	44	38	33	30	20	0	0
207	Non-Participating	335296.04	235467.48	44	68	63	59	51	44	40	39	35	25	0
208	Non-Participating	343697.30	234526.86	43	68	63	59	50	44	39	38	32	15	0
209	Non-Participating	337327.53	236001.35	36	64	59	54	45	38	33	30	19	0	0
210	Non-Participating	337229.49	236055.82	36	64	59	54	45	38	32	29	18	0	0
211	Non-Participating	337104.28	236088.28	36	64	58	54	44	37	32	29	18	0	0
212	Non-Participating	337832.56	236097.90	36	64	58	54	45	38	33	30	20	0	0
213	Non-Participating	337716.99	236207.28	36	63	58	54	44	37	32	29	17	0	0
214	Non-Participating	338026.44	235945.98	38	65	59	55	46	39	34	32	23	0	0
215	Non-Participating	332821.87	232514.92	32	59	54	50	41	34	28	25	12	0	0
216	Non-Participating	335093.90	230425.80	41	66	61	57	48	41	37	36	30	15	0
217	Non-Participating	335198.91	230232.82	40	65	60	55	47	40	36	34	28	10	0
218	Non-Participating	335008.66	230661.24	41	67	61	57	49	42	38	36	30	14	0
219	Non-Participating	335622.68	229966.54	36	63	58	53	44	38	33	30	21	0	0
220	Non-Participating	337411.59	231725.22	41	67	62	57	49	42	38	36	31	16	0
221	Participating	342013.52	235093.05	39	65	60	55	47	40	36	34	28	11	0
222	Participating	338873.00	232058.55	38	65	59	55	46	39	35	32	24	2	0
223	Non-Participating	333795.83	229505.84	35	62	56	52	43	36	31	29	20	0	0
224	Non-Participating	334970.68	229357.17	35	62	56	52	43	36	31	29	20	0	0
225	Non-Participating	334891.17	229376.02	35	62	56	52	43	36	32	29	20	0	0
226	Non-Participating	334882.71	229348.13	35	62	56	52	43	36	31	29	20	0	0
227	Non-Participating	334857.65	229329.64	35	62	56	52	43	36	31	29	20	0	0
228	Non-Participating	333969.22	229358.27	34	60	55	50	42	35	31	28	19	0	0
229	Non-Participating	335368.15	229076.42	33	60	54	50	42	35	29	26	13	0	0
230	Non-Participating	335325.82	229037.26	32	60	54	50	41	34	29	25	13	0	0
231	Non-Participating	335306.55	229030.72	32	60	54	50	41	35	29	25	13	0	0
232	Non-Participating	335276.28	229015.03	32	60	54	50	41	34	29	25	13	0	0
233	Non-Participating	335381.12	229089.12	33	60	54	50	41	35	29	26	13	0	0
234	Non-Participating	335414.52	229134.43	32	59	54	49	41	34	28	25	13	0	0
235	Non-Participating	335585.84	229209.17	32	59	53	49	41	34	28	25	13	0	0
236	Non-Participating	335484.58	229197.64	32	59	54	49	41	34	28	25	13	0	0
237	Non-Participating	335463.14	229189.99	32	59	54	49	41	34	28	25	14	0	0
238	Non-Participating	335443.62	229217.77	32	59	54	49	41	34	29	26	14	0	0
239	Non-Participating	335443.96	229235.63	32	59	54	49	41	34	29	26	14	0	0
240	Non-Participating	335486.95	229243.90	32	59	54	49	41	34	29	26	14	0	0
241	Non-Participating	335447.92	229262.09	32	59	54	50	41	34	29	26	14	0	0
242	Non-Participating	335442.96	229286.23	32	59	54	50	41	34	29	26	15	0	0
243	Non-Participating	335431.06	229309.38	33	60	54	50	41	35	29	26	15	0	0
244	Non-Participating	335425.43	229336.50	33	60	54	50	41	35	29	26	16	0	0
245	Non-Participating	335414.52	229358.66	33	60	54	50	41	35	29	27	16	0	0
246	Non-Participating	335408.57	229381.48	33	60	54	50	42	35	30	27	16	0	0
247	Non-Participating	335445.94	229401.00	33	60	54	50	42	35	30	27	16	0	0

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
248	Non-Participating	335399.24	229408.04	33	60	55	50	42	35	30	27	17	0	0
249	Non-Participating	335387.44	229457.32	34	61	56	51	42	36	31	28	18	0	0
250	Non-Participating	335201.53	229457.55	35	62	56	52	43	36	31	29	19	0	0
251	Non-Participating	335198.55	229438.70	35	61	56	52	43	36	31	29	19	0	0
252	Non-Participating	335189.95	229407.94	34	61	56	52	43	36	31	29	19	0	0
253	Non-Participating	335187.64	229343.45	34	61	56	51	42	36	31	28	18	0	0
254	Non-Participating	335181.03	229317.65	34	61	56	51	42	35	30	28	18	0	0
255	Non-Participating	335181.03	229297.48	34	61	56	51	42	35	30	28	17	0	0
256	Non-Participating	335153.24	229342.46	34	61	56	51	42	36	31	28	18	0	0
257	Non-Participating	335132.08	229473.43	35	62	57	52	43	37	32	29	20	0	0
258	Non-Participating	335137.37	229451.60	35	62	57	52	43	36	31	29	20	0	0
259	Non-Participating	335125.79	229403.64	35	62	56	52	43	36	31	29	19	0	0
260	Non-Participating	335101.98	229412.24	35	62	57	52	43	36	31	29	20	0	0
261	Non-Participating	335093.71	229465.16	35	62	57	52	43	37	32	30	20	0	0
262	Non-Participating	335096.03	229370.57	35	62	56	52	43	36	31	29	19	0	0
263	Participating	336458.19	233835.69	42	67	62	58	50	43	39	37	31	15	0
264	Non-Participating	336925.47	233356.50	41	66	61	56	48	41	37	35	28	10	0
265	Participating	335594.53	231977.29	37	64	58	54	45	39	34	32	22	0	0
266	Participating	335581.27	231815.28	38	64	58	54	45	39	34	32	23	0	0
267	Participating	335600.26	231705.96	38	64	59	55	46	39	35	32	23	0	0
268	Participating	334575.26	231537.14	48	71	66	62	54	47	43	43	39	30	0
269	Non-Participating	334981.61	229433.51	35	62	57	53	43	37	32	30	21	0	0
271	Non-Participating	335059.75	229472.58	35	62	57	53	44	37	32	30	21	0	0
272	Non-Participating	335050.02	229330.04	35	62	56	52	43	36	31	29	19	0	0
273	Non-Participating	335058.44	229312.88	34	62	56	52	43	36	31	28	18	0	0
274	Non-Participating	334991.91	229284.75	34	62	56	52	43	36	31	28	18	0	0
275	Non-Participating	334920.32	229255.01	34	62	56	52	43	36	31	28	18	0	0
276	Non-Participating	334914.58	229323.11	35	62	56	52	43	36	31	29	19	0	0
277	Non-Participating	335011.36	229183.68	34	61	56	51	42	35	30	27	17	0	0
278	Non-Participating	334992.01	229180.10	34	61	56	51	42	35	30	27	17	0	0
279	Non-Participating	334974.44	229182.25	34	61	56	51	42	35	30	27	17	0	0
280	Non-Participating	334992.36	229217.02	34	61	56	51	42	35	30	28	17	0	0
281	Non-Participating	335019.96	229224.19	34	61	56	51	42	35	30	28	17	0	0
282	Non-Participating	335079.46	229207.34	34	61	56	51	42	35	30	27	17	0	0
283	Non-Participating	335116.38	229263.25	34	61	56	51	42	35	30	28	17	0	0
284	Non-Participating	335073.45	229251.31	34	61	56	52	42	35	30	28	17	0	0
285	Non-Participating	335069.77	229292.06	34	62	56	52	43	36	31	28	18	0	0
286	Non-Participating	335139.17	229215.50	33	61	55	51	42	35	30	27	16	0	0
287	Non-Participating	335342.55	229049.63	32	60	54	50	41	35	29	26	13	0	0
288	Non-Participating	335293.45	229014.86	32	60	54	50	41	34	28	25	13	0	0
289	Non-Participating	337610.78	232421.85	36	63	58	54	45	38	33	30	17	0	0
290	Participating	336940.17	233497.06	42	67	62	57	49	42	38	37	31	14	0
291	Non-Participating	338860.88	230343.97	34	61	55	51	42	36	30	28	18	0	0
292	Non-Participating	338925.12	230244.29	33	60	55	50	42	35	30	27	17	0	0
293	Non-Participating	339141.92	230235.71	31	58	53	48	41	34	28	25	14	0	0
296	Non-Participating	339239.93	229918.40	31	59	53	49	40	33	27	23	11	0	0
303	Non-Participating	340627.37	230287.76	28	57	51	47	39	31	24	18	0	0	0
304	Non-Participating	340531.02	230315.72	28	57	51	47	39	31	24	18	0	0	0
305	Non-Participating	340588.33	230360.86	28	57	51	47	39	31	24	18	0	0	0
306	Non-Participating	342938.03	236918.46	34	61	55	51	42	35	30	27	16	0	0
307	Non-Participating	345406.15	235618.42	29	54	49	44	39	32	25	20	6	0	0
308	Non-Participating	345292.80	234930.55	33	60	54	50	42	35	30	27	17	0	0
309	Non-Participating	344892.19	234722.46	37	62	57	52	44	38	33	31	23	1	0
310	Non-Participating	345045.34	234496.63	35	61	56	51	43	37	32	29	20	0	0
311	Non-Participating	344972.16	233663.75	35	62	56	52	43	37	31	29	17	0	0
312	Non-Participating	344897.12	233619.17	36	63	57	53	44	37	32	29	18	0	0
313	Non-Participating	344874.70	233150.13	34	60	55	50	42	36	30	27	16	0	0
314	Non-Participating	344979.36	233176.72	34	60	55	51	42	36	30	27	15	0	0
315	Non-Participating	345486.60	231384.20	32	59	54	50	41	33	28	25	14	0	0
316	Non-Participating	345626.42	231265.97	30	58	52	48	39	32	27	23	12	0	0
317	Non-Participating	345594.03	231344.33	31	59	54	49	40	33	27	24	13	0	0
318	Non-Participating	345623.65	231092.92	30	58	53	49	39	32	26	23	10	0	0
319	Non-Participating	344448.58	230384.67	30	58	53	48	39	32	27	23	11	0	0
320	Non-Participating	343732.02	231504.09	38	64	58	54	46	39	35	33	26	7	0
321	Non-Participating	343807.33	231352.64	37	63	58	53	45	38	34	32	25	5	0
322	Non-Participating	343778.26	231422.96	38	63	58	54	45	39	34	33	26	6	0
323	Non-Participating	343747.52	231399.98	38	63	58	54	45	38	34	32	25	5	0
324	Non-Participating	338745.15	230705.29	36	62	57	52	44	37	32	30	21	0	0
325	Non-Participating	345327.67	234867.94	34	62	56	52	43	36	31	28	17	0	0
326	Non-Participating	345361.76	235096.64	33	59	54	49	41	35	29	26	15	0	0
327	Non-Participating	345486.92	235529.50	29	56	50	46	39	32	26	21	7	0	0
328	Non-Participating	345508.13	235479.18	31	58	53	48	40	33	28	24	12	0	0
329	Non-Participating	345488.17	235645.09	29	55	49	45	39	32	25	20	6	0	0
336	Non-Participating	344283.22	230858.86	34	60	55	50	42	35	30	28	19	0	0
337	Non-Participating	335063.07	229058.63	33	60	55	51	42	35	29	26	15	0	0
338	Non-Participating	335076.21	229049.17	33	60	55	50	42	35	29	26	15	0	0

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
339	Non-Participating	335105.13	229033.13	33	60	55	50	42	34	29	26	14	0	0
340	Non-Participating	335118.53	229027.88	33	60	55	50	42	35	29	26	14	0	0
341	Non-Participating	335141.40	229010.79	33	60	55	50	41	34	29	26	14	0	0
342	Non-Participating	335133.85	229020.37	33	60	55	50	42	35	29	26	14	0	0
343	Non-Participating	335158.48	229000.81	33	60	55	50	42	35	29	26	13	0	0
344	Non-Participating	335161.11	228983.20	32	60	55	50	41	34	29	25	13	0	0
345	Non-Participating	335165.58	228970.58	32	60	55	50	41	34	29	25	13	0	0
347	Participating	342982.73	232934.90	44	69	63	59	51	44	40	39	32	14	0
348	Non-Participating	344422.24	235727.15	42	64	59	55	48	41	40	37	30	14	0
349	Participating	344265.39	235331.48	44	67	61	57	50	43	41	39	33	18	0
350	Non-Participating	335034.93	229007.57	33	60	55	51	41	34	29	26	14	0	0
351	Non-Participating	345006.87	233113.24	34	60	55	51	42	36	30	27	15	0	0
353	Non-Participating	344918.82	234567.99	36	62	56	52	44	38	33	31	22	0	0
354	Non-Participating	344495.84	233600.35	35	62	56	52	44	38	32	29	19	0	0
355	Non-Participating	344024.23	233828.84	40	65	60	56	47	41	36	35	27	7	0
356	Participating	343702.13	234287.71	42	67	62	57	50	43	39	37	31	14	0
357	Participating	343113.63	234584.82	44	69	64	59	51	44	40	39	34	19	0
360	Non-Participating	341011.74	234032.89	38	65	59	55	46	40	35	32	22	0	0
361	Non-Participating	340703.75	234900.99	37	64	59	54	45	39	34	31	20	0	0
362	Participating	338345.89	233030.41	41	67	61	57	48	42	37	35	27	3	0
363	Participating	336130.87	234286.29	43	68	63	59	50	44	39	38	32	17	0
364	Non-Participating	333810.00	229622.00	36	63	58	53	44	37	32	31	22	0	0
365	Non-Participating	335449.32	229173.95	32	59	54	49	41	34	28	25	13	0	0
366	Non-Participating	334957.44	229211.36	34	61	56	51	42	35	30	28	18	0	0
367	Non-Participating	335143.74	229291.99	34	61	56	51	42	35	30	28	18	0	0
368	Non-Participating	335089.70	229329.51	34	62	56	52	43	36	31	28	18	0	0
369	Non-Participating	336217.08	229757.63	35	61	56	52	43	36	31	29	19	0	0
370	Non-Participating	337013.01	229595.84	35	62	57	52	43	36	31	29	18	0	0
371	Participating	335656.83	231843.96	38	65	59	55	46	39	34	32	22	0	0
372	Participating	335654.04	231694.20	37	64	58	54	45	39	34	32	22	0	0
373	Non-Participating	345194.33	232633.78	34	60	55	51	42	36	30	28	18	0	0
374	Non-Participating	345441.19	235075.17	32	59	53	49	41	34	29	25	14	0	0
377	Non-Participating	340416.62	230703.35	28	55	50	45	39	32	25	19	1	0	0
378	Non-Participating	337408.76	236027.93	36	64	59	54	45	38	33	30	18	0	0
379	Non-Participating	337415.28	236162.68	36	64	58	54	44	37	32	29	17	0	0
380	Non-Participating	338243.81	235988.41	38	65	60	55	46	39	35	33	25	4	0
381	Non-Participating	338219.93	235798.87	40	66	61	56	48	41	36	35	28	10	0
382	Non-Participating	334962.23	229267.84	34	62	56	52	43	36	31	28	18	0	0
385	Non-Participating	337015.73	236271.48	35	63	57	53	44	36	31	28	16	0	0
386	Non-Participating	337446.94	236180.49	35	63	58	54	44	37	32	29	17	0	0
387	Non-Participating	337687.63	236115.76	36	63	58	53	44	37	32	29	18	0	0
388	Non-Participating	340623.75	234937.34	37	64	59	54	46	39	34	31	20	0	0
389	Non-Participating	341051.54	234075.51	38	64	59	55	46	39	34	32	22	0	0
390	Participating	340833.84	233719.46	39	65	60	56	47	41	36	34	26	3	0
391	Non-Participating	344183.74	230356.78	30	58	53	48	40	32	27	23	11	0	0
392	Participating	344124.42	235688.44	50	66	61	59	55	47	49	46	40	33	17
393	Participating	342660.39	232660.56	43	68	63	58	50	43	39	38	32	17	0
394	Non-Participating	340621.60	234929.14	37	64	59	55	46	39	34	31	20	0	0
395	Non-Participating	345501.77	235060.08	33	60	55	50	42	35	29	26	14	0	0
400	Non-Participating	338199.16	232479.56	38	65	59	55	46	39	34	32	22	0	0
401	Participating	335656.19	231874.96	37	64	59	54	46	39	34	32	22	0	0
402	Non-Participating	335477.50	229219.02	32	59	54	49	41	34	29	25	14	0	0
403	Non-Participating	335473.51	229262.07	32	59	54	49	41	34	29	26	14	0	0
404	Non-Participating	335268.04	228984.41	32	60	54	50	41	34	28	25	13	0	0
405	Non-Participating	335411.54	229146.82	32	59	54	49	41	34	28	25	13	0	0
406	Non-Participating	335193.90	229392.40	34	61	56	52	43	36	31	28	19	0	0
407	Non-Participating	344177.55	232529.49	42	67	61	57	49	42	38	37	30	13	0
408	Participating	344054.32	233223.52	42	66	61	57	49	42	38	37	31	16	0
409	Non-Participating	338424.04	236725.09	29	56	51	46	39	32	24	17	0	0	0
410	Non-Participating	339182.66	236713.13	30	57	52	47	40	33	26	20	6	0	0
411	Non-Participating	339596.75	236334.92	29	58	52	48	39	32	24	17	0	0	0
412	Non-Participating	339677.98	236287.76	29	58	53	48	40	32	25	18	0	0	0
413	Non-Participating	342550.55	236953.57	33	60	55	51	42	35	29	26	14	0	0
414	Non-Participating	342436.58	237086.18	32	60	54	50	41	34	28	25	11	0	0
415	Non-Participating	342699.73	237031.77	33	60	55	51	42	35	29	26	14	0	0
416	Non-Participating	342904.14	237045.50	33	61	56	51	42	35	29	26	15	0	0
417	Non-Participating	342982.14	237171.00	32	60	55	50	41	34	29	25	13	0	0
418	Non-Participating	343027.39	237230.08	32	60	54	50	41	34	28	25	12	0	0
419	Non-Participating	343238.22	237404.60	31	59	53	49	40	33	27	23	10	0	0
422	Non-Participating	343226.75	237472.54	30	58	53	48	40	32	26	22	9	0	0
423	Non-Participating	335373.54	228881.72	31	60	54	50	41	33	28	24	11	0	0
424	Non-Participating	335399.08	228865.72	31	59	54	49	40	33	27	24	10	0	0
425	Non-Participating	335580.04	228817.52	31	59	53	49	40	33	27	23	9	0	0
426	Non-Participating	335503.15	228822.61	31	59	54	49	40	33	27	23	9	0	0
427	Non-Participating	335319.25	228953.71	32	60	54	50	41	34	28	25	12	0	0
428	Non-Participating	335284.40	228933.03	32	60	54	50	41	34	28	25	12	0	0

Table E-4: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
429	Non-Participating	335223.24	228930.42	33	60	54	50	42	35	29	25	13	0	0
430	Non-Participating	335245.61	228965.24	32	60	54	50	41	34	28	25	13	0	0
431	Non-Participating	335257.51	228973.94	32	60	54	50	41	34	28	25	13	0	0
432	Non-Participating	335237.55	228942.96	32	60	54	50	41	34	28	25	12	0	0
433	Non-Participating	335259.98	228881.12	31	59	54	50	41	33	28	24	11	0	0
434	Non-Participating	335174.94	228935.63	32	60	54	50	41	34	28	25	12	0	0
435	Non-Participating	335455.48	229370.18	33	60	54	50	41	35	29	26	16	0	0
436	Non-Participating	334845.20	229337.96	35	62	56	52	43	36	31	29	20	0	0
437	Non-Participating	336810.77	235834.82	37	63	58	54	45	38	33	31	23	0	0
438	Non-Participating	336415.85	236151.48	35	63	57	53	44	37	32	29	18	0	0
439	Non-Participating	340963.13	233791.22	39	65	60	55	47	40	35	33	24	0	0
440	Non-Participating	336163.73	232070.18	37	65	59	55	46	39	34	31	20	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
392	Participating	344124.42	235688.44	50	66	61	59	55	47	49	46	40	33	17
268	Participating	334575.26	231537.14	48	71	66	62	54	47	43	43	39	30	0
33	Participating	344177.40	235671.76	48	66	60	58	53	45	46	43	37	28	8
184	Participating	343055.87	233185.69	45	70	64	60	52	45	41	40	34	19	0
117	Participating	335142.48	234743.07	45	69	64	60	52	45	41	40	35	22	0
133	Non-Participating	343494.66	234880.42	45	70	64	60	52	45	41	40	34	20	0
116	Participating	335494.72	234613.35	45	69	64	59	51	44	40	40	35	22	0
48	Participating	339078.04	235081.18	44	69	64	59	51	45	40	40	34	19	0
207	Non-Participating	335296.04	235467.48	44	68	63	59	51	44	40	39	35	25	0
138	Participating	343275.28	234590.37	44	69	64	59	51	45	40	39	34	19	0
357	Participating	343113.63	234584.82	44	69	64	59	51	44	40	39	34	19	0
58	Participating	336340.64	234698.00	44	69	63	59	51	44	40	39	34	22	0
132	Participating	343696.12	234679.31	44	69	63	59	51	44	40	39	33	18	0
65	Participating	334754.48	231361.92	44	69	63	59	51	44	40	39	34	20	0
134	Participating	343576.49	234704.89	44	69	63	59	51	44	40	39	33	16	0
139	Participating	342974.92	234623.28	44	69	63	59	51	44	40	39	33	16	0
166	Participating	342332.55	232929.63	44	69	64	59	51	44	40	39	33	19	0
349	Participating	344265.39	235331.48	44	67	61	57	50	43	41	39	33	18	0
32	Non-Participating	342012.49	233466.68	44	68	63	58	51	44	39	39	34	22	0
347	Participating	342982.73	232934.90	44	69	63	59	51	44	40	39	32	14	0
112	Non-Participating	334950.38	234608.63	43	68	62	58	50	43	39	39	34	21	0
118	Non-Participating	335584.82	234635.80	43	68	63	59	51	44	40	39	33	19	0
55	Participating	336836.24	233782.14	43	68	63	59	51	44	39	38	33	17	0
57	Participating	336486.51	234473.33	43	68	63	59	50	44	39	38	32	16	0
208	Non-Participating	343697.30	234526.86	43	68	63	59	50	44	39	38	32	15	0
363	Participating	336130.87	234286.29	43	68	63	59	50	44	39	38	32	17	0
99	Non-Participating	336164.15	234962.10	43	68	63	58	50	43	39	38	33	19	0
141	Participating	342664.93	234395.97	43	68	63	59	50	44	39	38	32	14	0
167	Participating	342671.36	232690.59	43	68	63	58	50	43	39	38	32	16	0
168	Participating	342938.87	232793.74	43	68	63	59	50	43	39	38	31	12	0
393	Participating	342660.39	232660.56	43	68	63	58	50	43	39	38	32	17	0
56	Participating	336425.06	233873.49	43	68	62	58	50	43	39	38	32	17	0
64	Participating	334906.39	231392.04	43	68	63	58	50	43	39	38	32	18	0
59	Non-Participating	335666.14	234700.67	43	68	62	58	50	43	39	38	31	14	0
169	Participating	342808.80	232783.79	43	68	63	58	50	43	39	38	31	11	0
120	Non-Participating	339482.91	234868.46	42	68	62	58	50	43	39	37	31	12	0
180	Non-Participating	342956.89	232633.22	42	68	63	58	50	43	39	37	31	12	0
263	Participating	336458.19	233835.69	42	67	62	58	50	43	39	37	31	15	0
204	Non-Participating	343744.53	234355.93	42	67	62	58	50	43	39	37	31	13	0
356	Participating	343702.13	234287.71	42	67	62	57	50	43	39	37	31	14	0
155	Non-Participating	344029.65	236165.66	42	65	59	55	48	41	40	38	30	14	0
94	Participating	336949.89	230606.28	42	67	61	57	49	42	38	37	32	15	0
121	Non-Participating	339638.33	234862.63	42	67	62	58	49	43	38	37	30	13	0
290	Participating	336940.17	233497.06	42	67	62	57	49	42	38	37	31	14	0
408	Participating	344054.32	233223.52	42	66	61	57	49	42	38	37	31	16	0
66	Participating	335066.82	231489.07	42	67	62	58	49	42	38	37	31	15	0
348	Non-Participating	344422.24	235727.15	42	64	59	55	48	41	40	37	30	14	0
123	Non-Participating	339736.51	234867.53	42	67	62	57	49	42	38	37	30	12	0
115	Non-Participating	338632.36	232751.57	42	67	62	57	49	42	38	36	30	13	0
407	Non-Participating	344177.55	232529.49	42	67	61	57	49	42	38	37	30	13	0
218	Non-Participating	335008.66	230661.24	41	67	61	57	49	42	38	36	30	14	0
220	Non-Participating	337411.59	231725.22	41	67	62	57	49	42	38	36	31	16	0
183	Participating	338505.60	235812.05	41	67	62	57	49	42	37	36	30	15	0
216	Non-Participating	335093.90	230425.80	41	66	61	57	48	41	37	36	30	15	0
264	Non-Participating	336925.47	233356.50	41	66	61	56	48	41	37	35	28	10	0
362	Participating	338345.89	233030.41	41	67	61	57	48	42	37	35	27	3	0
47	Participating	337895.97	233277.19	40	67	61	57	48	42	37	35	27	4	0
31	Non-Participating	341824.93	233794.99	40	66	60	56	48	41	37	35	29	12	0
63	Non-Participating	335138.86	230556.19	40	66	61	56	48	41	37	35	29	11	0
122	Non-Participating	334624.66	234761.27	40	65	60	55	47	41	36	35	29	10	0
381	Non-Participating	338219.93	235798.87	40	66	61	56	48	41	36	35	28	10	0
205	Participating	344029.89	233780.62	40	65	60	56	47	41	36	35	28	8	0
355	Non-Participating	344024.23	233828.84	40	65	60	56	47	41	36	35	27	7	0
154	Non-Participating	341066.41	233017.48	40	65	60	56	47	41	36	35	28	11	0
171	Non-Participating	343202.37	232031.90	40	66	61	56	47	41	36	34	27	5	0
40	Non-Participating	337786.46	231577.83	40	65	60	56	47	40	36	34	27	8	0
217	Non-Participating	335198.91	230232.82	40	65	60	55	47	40	36	34	28	10	0
36	Non-Participating	342784.48	236030.56	39	65	60	56	47	40	36	34	27	6	0
54	Participating	336675.58	233267.47	39	66	60	56	47	41	36	34	26	2	0
124	Non-Participating	340007.16	234908.55	39	65	60	56	47	41	36	34	27	6	0
221	Participating	342013.52	235093.05	39	65	60	55	47	40	36	34	28	11	0
390	Participating	340833.84	233719.46	39	65	60	56	47	41	36	34	26	3	0
10	Participating	341079.81	233420.36	39	65	60	55	47	40	36	34	26	5	0
91	Non-Participating	336259.64	230212.38	39	65	60	56	47	40	35	34	27	9	0
111	Participating	334574.05	234626.42	39	65	59	55	47	40	36	34	27	7	0
30	Non-Participating	341855.46	234041.23	39	65	60	55	47	40	36	34	26	7	0

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
46	Non-Participating	338154.23	232818.74	39	66	60	56	47	40	36	33	23	0	0
170	Non-Participating	343477.72	231817.82	39	65	59	55	46	40	35	34	26	4	0
11	Non-Participating	341049.27	233571.17	39	65	60	55	47	40	35	33	25	2	0
29	Non-Participating	341851.95	234174.27	39	65	60	55	47	40	35	33	25	3	0
188	Non-Participating	339623.53	235375.44	39	65	60	56	47	40	35	33	24	0	0
90	Non-Participating	336618.43	230128.16	39	65	60	55	46	40	35	33	26	7	0
157	Non-Participating	341100.85	233545.46	39	65	60	55	47	40	35	33	25	1	0
53	Participating	336928.74	233068.67	39	65	60	55	47	40	35	33	24	0	0
151	Non-Participating	341369.51	232973.70	39	64	59	55	46	40	35	33	25	0	0
181	Non-Participating	339045.58	235889.18	39	65	60	55	46	40	35	33	25	4	0
439	Non-Participating	340963.13	233791.22	39	65	60	55	47	40	35	33	24	0	0
44	Non-Participating	338058.38	232745.47	39	65	60	56	47	40	35	33	22	0	0
51	Non-Participating	339271.45	235752.24	39	65	60	55	46	40	35	33	25	1	0
102	Participating	335797.20	231375.53	39	65	60	56	46	40	35	33	24	1	0
185	Non-Participating	339315.79	235711.42	39	65	60	55	46	40	35	33	25	1	0
52	Non-Participating	337029.73	233025.30	38	65	59	55	46	40	35	33	24	0	0
126	Non-Participating	340445.02	234817.50	38	65	60	55	46	40	35	33	24	0	0
152	Non-Participating	340979.59	233862.74	38	65	59	55	46	40	35	33	23	0	0
187	Non-Participating	339353.98	235681.81	38	65	59	55	46	40	35	33	24	0	0
28	Non-Participating	341713.34	234171.52	38	65	59	55	46	40	35	32	23	0	0
380	Non-Participating	338243.81	235988.41	38	65	60	55	46	39	35	33	25	4	0
67	Non-Participating	335776.17	231493.65	38	65	60	55	46	40	35	33	23	0	0
80	Non-Participating	335320.05	230148.41	38	64	59	55	46	39	35	33	25	4	0
320	Non-Participating	343732.02	231504.09	38	64	58	54	46	39	35	33	26	7	0
23	Non-Participating	341934.99	235383.33	38	64	59	54	46	39	35	33	25	6	0
45	Non-Participating	337913.04	232761.35	38	65	60	55	46	40	35	32	21	0	0
50	Non-Participating	339469.06	235633.18	38	65	59	55	46	39	35	33	23	0	0
222	Participating	338873.00	232058.55	38	65	59	55	46	39	35	32	24	2	0
12	Non-Participating	341006.81	234016.54	38	65	59	55	46	40	35	32	22	0	0
14	Non-Participating	340968.84	234036.14	38	65	59	55	46	40	35	32	22	0	0
22	Non-Participating	341872.67	235277.59	38	64	59	55	46	39	34	32	25	4	0
37	Non-Participating	342658.75	236111.13	38	64	59	54	46	39	35	33	25	0	0
144	Non-Participating	341897.78	235318.44	38	64	59	54	46	39	34	32	25	5	0
16	Non-Participating	340879.71	234236.86	38	64	59	55	46	39	34	32	22	0	0
26	Non-Participating	341682.02	234513.38	38	65	59	55	46	40	35	32	22	0	0
49	Non-Participating	340323.61	234764.77	38	64	59	54	46	40	35	32	24	2	0
97	Non-Participating	337909.23	231706.50	38	64	59	55	46	39	34	32	24	1	0
214	Non-Participating	338026.44	235945.98	38	65	59	55	46	39	34	32	23	0	0
267	Participating	335600.26	231705.96	38	64	59	55	46	39	35	32	23	0	0
360	Non-Participating	341011.74	234032.89	38	65	59	55	46	40	35	32	22	0	0
400	Non-Participating	338199.16	232479.56	38	65	59	55	46	39	34	32	22	0	0
13	Non-Participating	341016.71	234074.59	38	64	59	55	46	40	34	32	22	0	0
68	Participating	335690.38	231758.87	38	65	60	55	46	39	34	32	22	0	0
101	Participating	337191.41	232831.80	38	65	59	55	46	39	34	32	22	0	0
322	Non-Participating	343778.26	231422.96	38	63	58	54	45	39	34	33	26	6	0
389	Non-Participating	341051.54	234075.51	38	64	59	55	46	39	34	32	22	0	0
15	Non-Participating	341076.95	234083.32	38	64	59	55	46	39	34	32	21	0	0
21	Non-Participating	342005.50	235640.05	38	64	59	54	46	39	34	32	24	3	0
74	Non-Participating	336785.25	232179.98	38	65	60	55	46	39	34	32	22	0	0
105	Participating	335966.89	231753.98	38	65	60	55	46	39	34	32	22	0	0
125	Non-Participating	340993.89	234167.74	38	64	59	55	46	39	34	32	22	0	0
199	Non-Participating	336321.22	232985.79	38	65	59	55	46	39	34	32	23	0	0
371	Participating	335656.83	231843.96	38	65	59	55	46	39	34	32	22	0	0
17	Non-Participating	340742.44	234490.20	38	64	59	54	46	39	34	32	22	0	0
24	Non-Participating	341721.59	235055.03	38	64	59	55	46	39	34	32	23	0	0
27	Non-Participating	341476.66	234231.74	38	64	59	55	46	39	34	32	21	0	0
104	Participating	335542.47	231879.12	38	64	58	54	46	39	34	32	23	0	0
39	Non-Participating	337948.82	231778.99	38	64	59	54	46	39	34	32	23	0	0
43	Participating	337831.92	232573.72	38	65	59	55	46	39	34	31	20	0	0
266	Participating	335581.27	231815.28	38	64	58	54	45	39	34	32	23	0	0
323	Non-Participating	343747.52	231399.98	38	63	58	54	45	38	34	32	25	5	0
70	Participating	336191.79	231976.63	37	65	60	55	46	39	34	31	21	0	0
153	Non-Participating	341622.77	234658.38	37	64	59	54	46	39	34	31	21	0	0
372	Participating	335654.04	231694.20	37	64	58	54	45	39	34	32	22	0	0
401	Participating	335656.19	231874.96	37	64	59	54	46	39	34	32	22	0	0
69	Participating	335688.52	231912.75	37	64	59	54	45	39	34	31	22	0	0
113	Non-Participating	334353.04	234690.06	37	63	58	54	45	38	34	32	24	0	0
202	Non-Participating	333769.80	232404.10	37	63	58	53	45	38	34	32	24	2	0
265	Participating	335594.53	231977.29	37	64	58	54	45	39	34	32	22	0	0
321	Non-Participating	343807.33	231352.64	37	63	58	53	45	38	34	32	25	5	0
41	Participating	337895.35	231924.61	37	64	59	54	45	39	34	31	22	0	0
71	Participating	336177.55	232034.57	37	65	59	55	46	39	34	31	20	0	0
394	Non-Participating	340621.60	234929.14	37	64	59	55	46	39	34	31	20	0	0
42	Non-Participating	337793.49	232287.20	37	64	59	55	46	39	34	31	20	0	0
172	Non-Participating	343761.03	231354.62	37	63	58	53	45	38	34	32	24	4	0
388	Non-Participating	340623.75	234937.34	37	64	59	54	46	39	34	31	20	0	0

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
440	Non-Participating	336163.73	232070.18	37	65	59	55	46	39	34	31	20	0	0
18	Non-Participating	340657.22	234941.38	37	64	59	54	45	39	34	31	20	0	0
19	Non-Participating	340588.07	234970.56	37	64	59	54	45	39	34	31	20	0	0
38	Non-Participating	342520.52	236163.69	37	63	58	54	45	38	34	31	23	0	0
72	Participating	336211.03	232092.03	37	65	59	55	45	39	33	31	20	0	0
25	Non-Participating	341578.11	234929.83	37	64	59	54	45	39	34	31	20	0	0
361	Non-Participating	340703.75	234900.99	37	64	59	54	45	39	34	31	20	0	0
437	Non-Participating	336810.77	235834.82	37	63	58	54	45	38	33	31	23	0	0
73	Participating	336308.92	232146.29	37	64	59	54	45	38	33	30	19	0	0
81	Non-Participating	335515.98	230064.52	37	63	58	53	45	38	33	31	22	0	0
309	Non-Participating	344892.19	234722.46	37	62	57	52	44	38	33	31	23	1	0
61	Non-Participating	333755.57	229734.57	37	63	58	54	44	38	33	31	23	0	0
20	Non-Participating	340638.92	235053.44	37	64	58	54	45	38	33	30	19	0	0
34	Non-Participating	342654.65	236319.69	37	63	58	53	45	38	33	31	22	0	0
35	Non-Participating	342599.16	236290.69	37	63	58	53	44	38	33	31	22	0	0
82	Non-Participating	335560.99	230050.90	37	63	58	53	44	38	33	31	22	0	0
9	Non-Participating	341121.66	232207.19	36	63	57	53	45	38	33	31	22	0	0
79	Non-Participating	335584.73	230033.94	36	63	58	53	44	38	33	31	21	0	0
84	Non-Participating	337155.97	229781.81	36	64	58	54	44	38	33	30	21	0	0
206	Non-Participating	344602.35	233712.48	36	63	57	53	44	38	33	30	20	0	0
212	Non-Participating	337832.56	236097.90	36	64	58	54	45	38	33	30	20	0	0
289	Non-Participating	337610.78	232421.85	36	63	58	54	45	38	33	30	17	0	0
353	Non-Participating	344918.82	234567.99	36	62	56	52	44	38	33	31	22	0	0
209	Non-Participating	337327.53	236001.35	36	64	59	54	45	38	33	30	19	0	0
219	Non-Participating	335622.68	229966.54	36	63	58	53	44	38	33	30	21	0	0
364	Non-Participating	333810.00	229622.00	36	63	58	53	44	37	32	31	22	0	0
378	Non-Participating	337408.76	236027.93	36	64	59	54	45	38	33	30	18	0	0
109	Non-Participating	334203.96	234687.99	36	63	57	53	44	37	32	30	22	0	0
110	Non-Participating	344977.78	234726.38	36	62	56	52	44	37	33	30	22	0	0
210	Non-Participating	337229.49	236055.82	36	64	59	54	45	38	32	29	18	0	0
76	Non-Participating	335686.43	229995.80	36	63	57	53	44	37	32	30	21	0	0
86	Non-Participating	336947.73	229755.79	36	63	58	53	44	37	32	30	20	0	0
211	Non-Participating	337104.28	236088.28	36	64	58	54	44	37	32	29	18	0	0
387	Non-Participating	337687.63	236115.76	36	63	58	53	44	37	32	29	18	0	0
149	Participating	341152.14	232004.80	36	62	57	52	44	37	32	30	20	0	0
158	Non-Participating	341305.07	231905.58	36	62	57	52	44	37	32	30	20	0	0
213	Non-Participating	337716.99	236207.28	36	63	58	54	44	37	32	29	17	0	0
312	Non-Participating	344897.12	233619.17	36	63	57	53	44	37	32	29	18	0	0
75	Non-Participating	335925.26	229927.91	36	62	57	53	44	37	32	30	20	0	0
88	Non-Participating	336550.90	229807.21	36	62	57	52	44	37	32	30	21	0	0
324	Non-Participating	338745.15	230705.29	36	62	57	52	44	37	32	30	21	0	0
379	Non-Participating	337415.28	236162.68	36	64	58	54	44	37	32	29	17	0	0
8	Non-Participating	341206.90	231923.63	35	62	57	52	44	37	32	29	19	0	0
87	Non-Participating	336782.70	229699.82	35	63	58	53	44	37	32	29	19	0	0
269	Non-Participating	334981.61	229433.51	35	62	57	53	43	37	32	30	21	0	0
271	Non-Participating	335059.75	229472.58	35	62	57	53	44	37	32	30	21	0	0
354	Non-Participating	344495.84	233600.35	35	62	56	52	44	38	32	29	19	0	0
386	Non-Participating	337446.94	236180.49	35	63	58	54	44	37	32	29	17	0	0
85	Non-Participating	337136.59	229633.36	35	63	58	53	44	37	32	29	19	0	0
95	Non-Participating	338742.06	230940.07	35	62	57	52	44	37	32	30	20	0	0
203	Non-Participating	344516.83	233594.15	35	61	56	52	44	37	32	29	18	0	0
261	Non-Participating	335093.71	229465.16	35	62	57	52	43	37	32	30	20	0	0
438	Non-Participating	336415.85	236151.48	35	63	57	53	44	37	32	29	18	0	0
78	Non-Participating	335881.54	229871.20	35	62	57	52	43	37	32	29	19	0	0
173	Non-Participating	345188.05	231964.06	35	62	56	52	43	36	32	30	21	0	0
257	Non-Participating	335132.08	229473.43	35	62	57	52	43	37	32	29	20	0	0
310	Non-Participating	345045.34	234496.63	35	61	56	51	43	37	32	29	20	0	0
175	Non-Participating	345180.52	231808.74	35	62	56	52	43	36	32	30	21	0	0
225	Non-Participating	334891.17	229376.02	35	62	56	52	43	36	32	29	20	0	0
164	Non-Participating	344140.90	231025.41	35	61	56	52	43	36	31	30	21	0	0
258	Non-Participating	335137.37	229451.60	35	62	57	52	43	36	31	29	20	0	0
77	Non-Participating	335918.39	229834.92	35	62	56	52	43	37	31	29	19	0	0
178	Non-Participating	345012.80	232439.17	35	60	55	51	43	36	31	29	21	0	0
191	Non-Participating	345125.98	232273.64	35	61	56	51	43	36	31	29	21	0	0
223	Non-Participating	333795.83	229505.84	35	62	56	52	43	36	31	29	20	0	0
226	Non-Participating	334882.71	229348.13	35	62	56	52	43	36	31	29	20	0	0
227	Non-Participating	334857.65	229329.64	35	62	56	52	43	36	31	29	20	0	0
260	Non-Participating	335101.98	229412.24	35	62	57	52	43	36	31	29	20	0	0
436	Non-Participating	334845.20	229337.96	35	62	56	52	43	36	31	29	20	0	0
224	Non-Participating	334970.68	229357.17	35	62	56	52	43	36	31	29	20	0	0
311	Non-Participating	344972.16	233663.75	35	62	56	52	43	37	31	29	17	0	0
250	Non-Participating	335201.53	229457.55	35	62	56	52	43	36	31	29	19	0	0
259	Non-Participating	335125.79	229403.64	35	62	56	52	43	36	31	29	19	0	0
276	Non-Participating	334914.58	229323.11	35	62	56	52	43	36	31	29	19	0	0
369	Non-Participating	336217.08	229757.63	35	61	56	52	43	36	31	29	19	0	0
370	Non-Participating	337013.01	229595.84	35	62	57	52	43	36	31	29	18	0	0

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
385	Non-Participating	337015.73	236271.48	35	63	57	53	44	36	31	28	16	0	0
251	Non-Participating	335198.55	229438.70	35	61	56	52	43	36	31	29	19	0	0
262	Non-Participating	335096.03	229370.57	35	62	56	52	43	36	31	29	19	0	0
98	Non-Participating	338859.13	230498.68	35	62	56	52	43	36	31	28	19	0	0
272	Non-Participating	335050.02	229330.04	35	62	56	52	43	36	31	29	19	0	0
127	Non-Participating	340575.54	235607.14	34	62	57	52	44	37	31	27	14	0	0
156	Non-Participating	340482.25	235539.69	34	62	57	52	44	37	31	27	14	0	0
252	Non-Participating	335189.95	229407.94	34	61	56	52	43	36	31	29	19	0	0
195	Non-Participating	335025.84	229302.51	34	62	56	52	43	36	31	28	19	0	0
201	Non-Participating	334095.49	235253.68	34	60	55	51	42	36	31	29	20	0	0
273	Non-Participating	335058.44	229312.88	34	62	56	52	43	36	31	28	18	0	0
274	Non-Participating	334991.91	229284.75	34	62	56	52	43	36	31	28	18	0	0
275	Non-Participating	334920.32	229255.01	34	62	56	52	43	36	31	28	18	0	0
368	Non-Participating	335089.70	229329.51	34	62	56	52	43	36	31	28	18	0	0
382	Non-Participating	334962.23	229267.84	34	62	56	52	43	36	31	28	18	0	0
406	Non-Participating	335193.90	229392.40	34	61	56	52	43	36	31	28	19	0	0
285	Non-Participating	335069.77	229292.06	34	62	56	52	43	36	31	28	18	0	0
325	Non-Participating	345327.67	234867.94	34	62	56	52	43	36	31	28	17	0	0
89	Non-Participating	336140.59	229704.67	34	61	56	51	43	36	31	28	18	0	0
256	Non-Participating	335153.24	229342.46	34	61	56	51	42	36	31	28	18	0	0
228	Non-Participating	333969.22	229358.27	34	60	55	50	42	35	31	28	19	0	0
249	Non-Participating	335387.44	229457.32	34	61	56	51	42	36	31	28	18	0	0
253	Non-Participating	335187.64	229343.45	34	61	56	51	42	36	31	28	18	0	0
62	Non-Participating	333847.32	229373.27	34	60	55	51	42	35	30	28	19	0	0
128	Non-Participating	342733.56	236815.89	34	61	56	51	43	36	30	28	17	0	0
254	Non-Participating	335181.03	229317.65	34	61	56	51	42	35	30	28	18	0	0
284	Non-Participating	335073.45	229251.31	34	61	56	52	42	35	30	28	17	0	0
366	Non-Participating	334957.44	229211.36	34	61	56	51	42	35	30	28	18	0	0
255	Non-Participating	335181.03	229297.48	34	61	56	51	42	35	30	28	17	0	0
280	Non-Participating	334992.36	229217.02	34	61	56	51	42	35	30	28	17	0	0
281	Non-Participating	335019.96	229224.19	34	61	56	51	42	35	30	28	17	0	0
291	Non-Participating	338860.88	230343.97	34	61	55	51	42	36	30	28	18	0	0
367	Non-Participating	335143.74	229291.99	34	61	56	51	42	35	30	28	18	0	0
373	Non-Participating	345194.33	232633.78	34	60	55	51	42	36	30	28	18	0	0
83	Non-Participating	332901.42	231530.67	34	61	55	51	42	35	30	28	17	0	0
190	Non-Participating	345115.72	232546.57	34	60	54	50	42	36	30	28	19	0	0
279	Non-Participating	334974.44	229182.25	34	61	56	51	42	35	30	27	17	0	0
283	Non-Participating	335116.38	229263.25	34	61	56	51	42	35	30	28	17	0	0
277	Non-Participating	335011.36	229183.68	34	61	56	51	42	35	30	27	17	0	0
278	Non-Participating	334992.01	229180.10	34	61	56	51	42	35	30	27	17	0	0
306	Non-Participating	342938.03	236918.46	34	61	55	51	42	35	30	27	16	0	0
314	Non-Participating	344979.36	233176.72	34	60	55	51	42	36	30	27	15	0	0
351	Non-Participating	345006.87	233113.24	34	60	55	51	42	36	30	27	15	0	0
282	Non-Participating	335079.46	229207.34	34	61	56	51	42	35	30	27	17	0	0
313	Non-Participating	344874.70	233150.13	34	60	55	50	42	36	30	27	16	0	0
336	Non-Participating	344283.22	230858.86	34	60	55	50	42	35	30	28	19	0	0
106	Non-Participating	345067.46	233458.47	33	60	55	50	42	35	30	27	15	0	0
114	Non-Participating	344987.88	232865.77	33	59	54	50	42	36	30	27	17	0	0
286	Non-Participating	335139.17	229215.50	33	61	55	51	42	35	30	27	16	0	0
182	Non-Participating	342898.74	236978.73	33	61	56	51	42	35	30	27	15	0	0
308	Non-Participating	345292.80	234930.55	33	60	54	50	42	35	30	27	17	0	0
177	Non-Participating	345413.96	231818.19	33	60	55	51	42	35	30	27	17	0	0
192	Non-Participating	345050.58	233066.89	33	60	54	50	42	35	30	27	15	0	0
248	Non-Participating	335399.24	229408.04	33	60	55	50	42	35	30	27	17	0	0
174	Non-Participating	339852.67	231417.16	33	61	55	51	42	35	30	26	13	0	0
193	Non-Participating	345123.85	232842.60	33	60	54	50	42	35	30	27	16	0	0
292	Non-Participating	338925.12	230244.29	33	60	55	50	42	35	30	27	17	0	0
416	Non-Participating	342904.14	237045.50	33	61	56	51	42	35	29	26	15	0	0
196	Non-Participating	334981.10	229083.45	33	61	55	51	42	35	29	27	16	0	0
197	Non-Participating	333923.45	229248.37	33	59	54	50	41	35	30	27	17	0	0
198	Non-Participating	332822.67	230403.22	33	60	55	50	41	35	30	27	16	0	0
246	Non-Participating	335408.57	229381.48	33	60	54	50	42	35	30	27	16	0	0
247	Non-Participating	335445.94	229401.00	33	60	54	50	42	35	30	27	16	0	0
245	Non-Participating	335414.52	229358.66	33	60	54	50	41	35	29	27	16	0	0
176	Non-Participating	339966.86	231346.11	33	61	55	51	42	35	29	25	12	0	0
229	Non-Participating	335368.15	229076.42	33	60	54	50	42	35	29	26	13	0	0
337	Non-Participating	335063.07	229058.63	33	60	55	51	42	35	29	26	15	0	0
413	Non-Participating	342550.55	236953.57	33	60	55	51	42	35	29	26	14	0	0
435	Non-Participating	335455.48	229370.18	33	60	54	50	41	35	29	26	16	0	0
244	Non-Participating	335425.43	229336.50	33	60	54	50	41	35	29	26	16	0	0
338	Non-Participating	335076.21	229049.17	33	60	55	50	42	35	29	26	15	0	0
395	Non-Participating	345501.77	235060.08	33	60	55	50	42	35	29	26	14	0	0
415	Non-Participating	342699.73	237031.77	33	60	55	51	42	35	29	26	14	0	0
429	Non-Participating	335223.24	228930.42	33	60	54	50	42	35	29	25	13	0	0
243	Non-Participating	335431.06	229309.38	33	60	54	50	41	35	29	26	15	0	0
339	Non-Participating	335105.13	229033.13	33	60	55	50	42	34	29	26	14	0	0

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
340	Non-Participating	335118.53	229027.88	33	60	55	50	42	35	29	26	14	0	0
342	Non-Participating	335133.85	229020.37	33	60	55	50	42	35	29	26	14	0	0
233	Non-Participating	335381.12	229089.12	33	60	54	50	41	35	29	26	13	0	0
326	Non-Participating	345361.76	235096.64	33	59	54	49	41	35	29	26	15	0	0
341	Non-Participating	335141.40	229010.79	33	60	55	50	41	34	29	26	14	0	0
343	Non-Participating	335158.48	229000.81	33	60	55	50	42	35	29	26	13	0	0
350	Non-Participating	335034.93	229007.57	33	60	55	51	41	34	29	26	14	0	0
108	Non-Participating	344870.69	233176.87	32	58	53	49	42	35	29	25	12	0	0
194	Non-Participating	335419.22	229176.86	32	59	54	49	41	35	29	26	14	0	0
231	Non-Participating	335306.55	229030.72	32	60	54	50	41	35	29	25	13	0	0
242	Non-Participating	335442.96	229286.23	32	59	54	50	41	34	29	26	15	0	0
287	Non-Participating	335342.55	229049.63	32	60	54	50	41	35	29	26	13	0	0
230	Non-Participating	335325.82	229037.26	32	60	54	50	41	34	29	25	13	0	0
241	Non-Participating	335447.92	229262.09	32	59	54	50	41	34	29	26	14	0	0
344	Non-Participating	335161.11	228983.20	32	60	55	50	41	34	29	25	13	0	0
239	Non-Participating	335443.96	229235.63	32	59	54	49	41	34	29	26	14	0	0
345	Non-Participating	335165.58	228970.58	32	60	55	50	41	34	29	25	13	0	0
403	Non-Participating	335473.51	229262.07	32	59	54	49	41	34	29	26	14	0	0
417	Non-Participating	342982.14	237171.00	32	60	55	50	41	34	29	25	13	0	0
148	Non-Participating	341407.60	231202.37	32	60	54	50	41	34	29	25	12	0	0
163	Non-Participating	344320.07	230668.28	32	59	54	50	41	34	29	26	15	0	0
232	Non-Participating	335276.28	229015.03	32	60	54	50	41	34	29	25	13	0	0
238	Non-Participating	335443.62	229217.77	32	59	54	49	41	34	29	26	14	0	0
240	Non-Participating	335486.95	229243.90	32	59	54	49	41	34	29	26	14	0	0
100	Participating	339253.95	230673.50	32	59	54	49	41	34	28	25	13	0	0
288	Non-Participating	335293.45	229014.86	32	60	54	50	41	34	28	25	13	0	0
374	Non-Participating	345441.19	235075.17	32	59	53	49	41	34	29	25	14	0	0
402	Non-Participating	335477.50	229219.02	32	59	54	49	41	34	29	25	14	0	0
432	Non-Participating	335237.55	228942.96	32	60	54	50	41	34	28	25	12	0	0
236	Non-Participating	335484.58	229197.64	32	59	54	49	41	34	28	25	13	0	0
237	Non-Participating	335463.14	229189.99	32	59	54	49	41	34	28	25	14	0	0
365	Non-Participating	335449.32	229173.95	32	59	54	49	41	34	28	25	13	0	0
404	Non-Participating	335268.04	228984.41	32	60	54	50	41	34	28	25	13	0	0
405	Non-Participating	335411.54	229146.82	32	59	54	49	41	34	28	25	13	0	0
414	Non-Participating	342436.58	237086.18	32	60	54	50	41	34	28	25	11	0	0
430	Non-Participating	335245.61	228965.24	32	60	54	50	41	34	28	25	13	0	0
431	Non-Participating	335257.51	228973.94	32	60	54	50	41	34	28	25	13	0	0
434	Non-Participating	335174.94	228935.63	32	60	54	50	41	34	28	25	12	0	0
60	Non-Participating	333999.20	228981.15	32	59	54	49	40	34	28	25	14	0	0
234	Non-Participating	335414.52	229134.43	32	59	54	49	41	34	28	25	13	0	0
418	Non-Participating	343027.39	237230.08	32	60	54	50	41	34	28	25	12	0	0
129	Non-Participating	345549.53	231489.59	32	59	54	50	41	33	28	25	14	0	0
315	Non-Participating	345486.60	231384.20	32	59	54	50	41	33	28	25	14	0	0
427	Non-Participating	335319.25	228953.71	32	60	54	50	41	34	28	25	12	0	0
189	Non-Participating	345705.71	232523.62	32	59	54	49	41	34	28	25	12	0	0
215	Non-Participating	332821.87	232514.92	32	59	54	50	41	34	28	25	12	0	0
235	Non-Participating	335585.84	229209.17	32	59	53	49	41	34	28	25	13	0	0
428	Non-Participating	335284.40	228933.03	32	60	54	50	41	34	28	25	12	0	0
179	Non-Participating	340385.40	231185.05	31	59	53	49	41	34	28	23	9	0	0
293	Non-Participating	339141.92	230235.71	31	58	53	48	41	34	28	25	14	0	0
433	Non-Participating	335259.98	228881.12	31	59	54	50	41	33	28	24	11	0	0
130	Non-Participating	345584.55	231404.78	31	59	54	49	40	33	28	24	13	0	0
423	Non-Participating	335373.54	228881.72	31	60	54	50	41	33	28	24	11	0	0
161	Non-Participating	344255.60	230516.44	31	59	53	49	40	33	28	24	13	0	0
424	Non-Participating	335399.08	228865.72	31	59	54	49	40	33	27	24	10	0	0
103	Non-Participating	332637.99	231353.47	31	58	53	49	40	33	27	24	12	0	0
165	Non-Participating	344075.91	230472.46	31	59	53	49	40	33	27	24	12	0	0
317	Non-Participating	345594.03	231344.33	31	59	54	49	40	33	27	24	13	0	0
328	Non-Participating	345508.13	235479.18	31	58	53	48	40	33	28	24	12	0	0
131	Non-Participating	345777.42	231603.52	31	59	54	49	40	33	27	24	11	0	0
296	Non-Participating	339239.93	229918.40	31	59	53	49	40	33	27	23	11	0	0
426	Non-Participating	335503.15	228822.61	31	59	54	49	40	33	27	23	9	0	0
425	Non-Participating	335580.04	228817.52	31	59	53	49	40	33	27	23	9	0	0
162	Non-Participating	344372.76	230484.95	31	58	53	48	40	33	27	24	13	0	0
419	Non-Participating	343238.22	237404.60	31	59	53	49	40	33	27	23	10	0	0
200	Non-Participating	333525.42	235386.75	30	58	52	48	39	32	27	24	11	0	0
391	Non-Participating	344183.74	230356.78	30	58	53	48	40	32	27	23	11	0	0
186	Non-Participating	343327.72	237147.27	30	58	53	48	40	33	27	22	9	0	0
316	Non-Participating	345626.42	231265.97	30	58	52	48	39	32	27	23	12	0	0
319	Non-Participating	344448.58	230384.67	30	58	53	48	39	32	27	23	11	0	0
318	Non-Participating	345623.65	231092.92	30	58	53	49	39	32	26	23	10	0	0
422	Non-Participating	343226.75	237472.54	30	58	53	48	40	32	26	22	9	0	0
160	Non-Participating	344541.82	230365.07	30	58	52	48	39	32	26	23	10	0	0
410	Non-Participating	339182.66	236713.13	30	57	52	47	40	33	26	20	6	0	0
412	Non-Participating	339677.98	236287.76	29	58	53	48	40	32	25	18	0	0	0
327	Non-Participating	345486.92	235529.50	29	56	50	46	39	32	26	21	7	0	0

Table E-4.1: Senvion M148-4.2 Short-Term Sound Level Modeling Results at Discrete Points - Sorted by Sound Level

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		Project Only Maximum 8-hr Leq (dBA)[1,2]	Leq (dB) - Extrapolated	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
		X (m)	Y (m)		16 Hz	31.5	63	125	250	500	1000	2000	4000	8000
159	Non-Participating	340812.42	230544.35	29	57	51	47	39	32	25	19	0	0	0
411	Non-Participating	339596.75	236334.92	29	58	52	48	39	32	24	17	0	0	0
329	Non-Participating	345488.17	235645.09	29	55	49	45	39	32	25	20	6	0	0
307	Non-Participating	345406.15	235618.42	29	54	49	44	39	32	25	20	6	0	0
409	Non-Participating	338424.04	236725.09	29	56	51	46	39	32	24	17	0	0	0
305	Non-Participating	340588.33	230360.86	28	57	51	47	39	31	24	18	0	0	0
377	Non-Participating	340416.62	230703.35	28	55	50	45	39	32	25	19	1	0	0
147	Non-Participating	340809.21	230238.36	28	57	52	47	39	31	24	18	0	0	0
150	Non-Participating	340693.19	230535.73	28	56	50	46	39	31	24	18	0	0	0
303	Non-Participating	340627.37	230287.76	28	57	51	47	39	31	24	18	0	0	0
304	Non-Participating	340531.02	230315.72	28	57	51	47	39	31	24	18	0	0	0
7	Non-Participating	340619.01	230414.74	28	56	51	46	39	31	24	18	0	0	0

1. Addresses stipulation (e) (1).
2. Conservatively assumed 8-hr sound level from 1-hr sound level

Appendix F

Sound Level Modeling Results—Long-term

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
7	Non-Participating	340619.01	230414.74	26	27	26
8	Non-Participating	341206.90	231923.63	34	34	33
9	Non-Participating	341121.66	232207.19	35	35	34
10	Participating	341079.81	233420.36	38	38	37
11	Non-Participating	341049.27	233571.17	38	38	37
12	Non-Participating	341006.81	234016.54	37	37	36
13	Non-Participating	341016.71	234074.59	37	37	36
14	Non-Participating	340968.84	234036.14	37	37	36
15	Non-Participating	341076.95	234083.32	37	37	36
16	Non-Participating	340879.71	234236.86	37	37	36
17	Non-Participating	340742.44	234490.20	37	37	35
18	Non-Participating	340657.22	234941.38	36	36	35
19	Non-Participating	340588.07	234970.56	36	36	35
20	Non-Participating	340638.92	235053.44	35	35	34
21	Non-Participating	342005.50	235640.05	37	37	36
22	Non-Participating	341872.67	235277.59	37	37	36
23	Non-Participating	341934.99	235383.33	37	37	36
24	Non-Participating	341721.59	235055.03	37	37	35
25	Non-Participating	341578.11	234929.83	36	36	35
26	Non-Participating	341682.02	234513.38	37	37	36
27	Non-Participating	341476.66	234231.74	36	36	35
28	Non-Participating	341713.34	234171.52	37	37	36
29	Non-Participating	341851.95	234174.27	38	38	37
30	Non-Participating	341855.46	234041.23	38	38	37
31	Non-Participating	341824.93	233794.99	40	39	38
32	Non-Participating	342012.49	233466.68	43	43	41
33	Participating	344177.40	235671.76	48	47	47
34	Non-Participating	342654.65	236319.69	36	36	34
35	Non-Participating	342599.16	236290.69	36	35	34
36	Non-Participating	342784.48	236030.56	39	38	37
37	Non-Participating	342658.75	236111.13	37	37	36
38	Non-Participating	342520.52	236163.69	36	36	35
39	Non-Participating	337948.82	231778.99	37	36	35
40	Non-Participating	337786.46	231577.83	39	39	37
41	Participating	337895.35	231924.61	36	36	35
42	Non-Participating	337793.49	232287.20	36	35	34
43	Participating	337831.92	232573.72	36	36	35
44	Non-Participating	338058.38	232745.47	37	37	36
45	Non-Participating	337913.04	232761.35	37	37	36
46	Non-Participating	338154.23	232818.74	38	38	37
47	Participating	337895.97	233277.19	40	39	38
48	Participating	339078.04	235081.18	44	43	42
49	Non-Participating	340323.61	234764.77	37	37	36
50	Non-Participating	339469.06	235633.18	37	37	36
51	Non-Participating	339271.45	235752.24	38	37	36

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
52	Non-Participating	337029.73	233025.30	37	37	36
53	Participating	336928.74	233068.67	38	38	36
54	Participating	336675.58	233267.47	39	38	37
55	Participating	336836.24	233782.14	43	42	41
56	Participating	336425.06	233873.49	42	42	41
57	Participating	336486.51	234473.33	43	42	41
58	Participating	336340.64	234698.00	44	43	42
59	Non-Participating	335666.14	234700.67	42	42	40
60	Non-Participating	333999.20	228981.15	31	31	30
61	Non-Participating	333755.57	229734.57	36	36	34
62	Non-Participating	333847.32	229373.27	33	33	32
63	Non-Participating	335138.86	230556.19	40	39	38
64	Participating	334906.39	231392.04	42	42	41
65	Participating	334754.48	231361.92	43	43	42
66	Participating	335066.82	231489.07	41	41	40
67	Non-Participating	335776.17	231493.65	37	37	36
68	Participating	335690.38	231758.87	37	37	36
69	Participating	335688.52	231912.75	36	36	35
70	Participating	336191.79	231976.63	36	36	35
71	Participating	336177.55	232034.57	36	36	35
72	Participating	336211.03	232092.03	36	36	35
73	Participating	336308.92	232146.29	35	36	34
74	Non-Participating	336785.25	232179.98	37	37	36
75	Non-Participating	335925.26	229927.91	34	34	33
76	Non-Participating	335686.43	229995.80	35	35	34
77	Non-Participating	335918.39	229834.92	34	34	33
78	Non-Participating	335881.54	229871.20	34	34	33
79	Non-Participating	335584.73	230033.94	35	35	34
80	Non-Participating	335320.05	230148.41	37	37	36
81	Non-Participating	335515.98	230064.52	36	36	35
82	Non-Participating	335560.99	230050.90	36	35	34
83	Non-Participating	332901.42	231530.67	33	33	31
84	Non-Participating	337155.97	229781.81	35	35	34
85	Non-Participating	337136.59	229633.36	34	34	33
86	Non-Participating	336947.73	229755.79	35	35	34
87	Non-Participating	336782.70	229699.82	34	34	33
88	Non-Participating	336550.90	229807.21	35	35	33
89	Non-Participating	336140.59	229704.67	33	33	32
90	Non-Participating	336618.43	230128.16	38	38	37
91	Non-Participating	336259.64	230212.38	38	38	37
94	Participating	336949.89	230606.28	42	41	40
95	Non-Participating	338742.06	230940.07	34	34	33
97	Non-Participating	337909.23	231706.50	37	37	36
98	Non-Participating	338859.13	230498.68	33	33	32
99	Non-Participating	336164.15	234962.10	42	42	41

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
100	Participating	339253.95	230673.50	31	31	30
101	Participating	337191.41	232831.80	37	37	36
102	Participating	335797.20	231375.53	38	37	36
103	Non-Participating	332637.99	231353.47	30	29	28
104	Participating	335542.47	231879.12	37	37	35
105	Participating	335966.89	231753.98	37	37	36
106	Non-Participating	345067.46	233458.47	32	32	31
108	Non-Participating	344870.69	233176.87	31	31	30
109	Non-Participating	334203.96	234687.99	35	35	34
110	Non-Participating	344977.78	234726.38	35	35	34
111	Participating	334574.05	234626.42	39	38	37
112	Non-Participating	334950.38	234608.63	43	42	41
113	Non-Participating	334353.04	234690.06	36	36	35
114	Non-Participating	344987.88	232865.77	32	32	31
115	Non-Participating	338632.36	232751.57	41	41	39
116	Participating	335494.72	234613.35	44	44	42
117	Participating	335142.48	234743.07	44	44	43
118	Non-Participating	335584.82	234635.80	43	42	41
120	Non-Participating	339482.91	234868.46	42	41	40
121	Non-Participating	339638.33	234862.63	41	41	40
122	Non-Participating	334624.66	234761.27	39	39	38
123	Non-Participating	339736.51	234867.53	41	41	40
124	Non-Participating	340007.16	234908.55	39	38	37
125	Non-Participating	340993.89	234167.74	37	37	36
126	Non-Participating	340445.02	234817.50	37	37	36
127	Non-Participating	340575.54	235607.14	33	33	32
128	Non-Participating	342733.56	236815.89	33	33	32
129	Non-Participating	345549.53	231489.59	30	30	29
130	Non-Participating	345584.55	231404.78	30	30	29
131	Non-Participating	345777.42	231603.52	29	29	28
132	Participating	343696.12	234679.31	43	43	42
133	Non-Participating	343494.66	234880.42	44	44	43
134	Participating	343576.49	234704.89	43	43	42
138	Participating	343275.28	234590.37	44	43	42
139	Participating	342974.92	234623.28	43	43	42
141	Participating	342664.93	234395.97	42	42	41
144	Non-Participating	341897.78	235318.44	37	37	36
147	Non-Participating	340809.21	230238.36	26	27	26
148	Non-Participating	341407.60	231202.37	31	31	30
149	Participating	341152.14	232004.80	34	34	33
150	Non-Participating	340693.19	230535.73	26	27	26
151	Non-Participating	341369.51	232973.70	38	38	36
152	Non-Participating	340979.59	233862.74	37	37	36
153	Non-Participating	341622.77	234658.38	36	36	35
154	Non-Participating	341066.41	233017.48	39	39	38

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
155	Non-Participating	344029.65	236165.66	42	42	41
156	Non-Participating	340482.25	235539.69	33	33	32
157	Non-Participating	341100.85	233545.46	38	38	37
158	Non-Participating	341305.07	231905.58	34	34	33
159	Non-Participating	340812.42	230544.35	27	27	26
160	Non-Participating	344541.82	230365.07	29	29	28
161	Non-Participating	344255.60	230516.44	30	30	29
162	Non-Participating	344372.76	230484.95	29	29	28
163	Non-Participating	344320.07	230668.28	31	31	30
164	Non-Participating	344140.90	231025.41	34	34	33
165	Non-Participating	344075.91	230472.46	30	30	29
166	Participating	342332.55	232929.63	43	43	42
167	Participating	342671.36	232690.59	42	42	41
168	Participating	342938.87	232793.74	42	42	41
169	Participating	342808.80	232783.79	42	42	40
170	Non-Participating	343477.72	231817.82	38	38	37
171	Non-Participating	343202.37	232031.90	39	39	38
172	Non-Participating	343761.03	231354.62	36	36	35
173	Non-Participating	345188.05	231964.06	34	34	33
174	Non-Participating	339852.67	231417.16	32	32	31
175	Non-Participating	345180.52	231808.74	34	34	33
176	Non-Participating	339966.86	231346.11	31	31	30
177	Non-Participating	345413.96	231818.19	32	32	31
178	Non-Participating	345012.80	232439.17	34	34	33
179	Non-Participating	340385.40	231185.05	30	30	29
180	Non-Participating	342956.89	232633.22	42	41	40
181	Non-Participating	339045.58	235889.18	38	38	36
182	Non-Participating	342898.74	236978.73	32	32	31
183	Participating	338505.60	235812.05	41	40	39
184	Participating	343055.87	233185.69	44	44	43
185	Non-Participating	339315.79	235711.42	38	37	36
186	Non-Participating	343327.72	237147.27	28	29	28
187	Non-Participating	339353.98	235681.81	38	37	36
188	Non-Participating	339623.53	235375.44	38	38	37
189	Non-Participating	345705.71	232523.62	30	30	29
190	Non-Participating	345115.72	232546.57	33	33	32
191	Non-Participating	345125.98	232273.64	34	34	33
192	Non-Participating	345050.58	233066.89	32	32	31
193	Non-Participating	345123.85	232842.60	32	32	31
194	Non-Participating	335419.22	229176.86	31	31	30
195	Non-Participating	335025.84	229302.51	33	33	32
196	Non-Participating	334981.10	229083.45	32	32	31
197	Non-Participating	333923.45	229248.37	32	32	31
198	Non-Participating	332822.67	230403.22	32	32	31
199	Non-Participating	336321.22	232985.79	37	37	36

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
200	Non-Participating	333525.42	235386.75	29	29	28
201	Non-Participating	334095.49	235253.68	33	33	32
202	Non-Participating	333769.80	232404.10	37	36	35
203	Non-Participating	344516.83	233594.15	34	34	33
204	Non-Participating	343744.53	234355.93	42	41	40
205	Participating	344029.89	233780.62	39	39	38
206	Non-Participating	344602.35	233712.48	35	35	34
207	Non-Participating	335296.04	235467.48	44	43	42
208	Non-Participating	343697.30	234526.86	43	42	41
209	Non-Participating	337327.53	236001.35	35	35	34
210	Non-Participating	337229.49	236055.82	35	35	34
211	Non-Participating	337104.28	236088.28	34	35	33
212	Non-Participating	337832.56	236097.90	35	35	34
213	Non-Participating	337716.99	236207.28	34	34	33
214	Non-Participating	338026.44	235945.98	37	37	36
215	Non-Participating	332821.87	232514.92	30	30	29
216	Non-Participating	335093.90	230425.80	41	40	39
217	Non-Participating	335198.91	230232.82	39	39	37
218	Non-Participating	335008.66	230661.24	41	40	39
219	Non-Participating	335622.68	229966.54	35	35	34
220	Non-Participating	337411.59	231725.22	41	40	39
221	Participating	342013.52	235093.05	39	38	37
222	Participating	338873.00	232058.55	37	37	36
223	Non-Participating	333795.83	229505.84	34	34	33
224	Non-Participating	334970.68	229357.17	34	34	33
225	Non-Participating	334891.17	229376.02	34	34	33
226	Non-Participating	334882.71	229348.13	34	34	33
227	Non-Participating	334857.65	229329.64	34	34	33
228	Non-Participating	333969.22	229358.27	33	33	32
229	Non-Participating	335368.15	229076.42	31	32	31
230	Non-Participating	335325.82	229037.26	31	31	30
231	Non-Participating	335306.55	229030.72	31	31	30
232	Non-Participating	335276.28	229015.03	31	31	30
233	Non-Participating	335381.12	229089.12	31	31	30
234	Non-Participating	335414.52	229134.43	30	31	30
235	Non-Participating	335585.84	229209.17	30	30	29
236	Non-Participating	335484.58	229197.64	31	31	30
237	Non-Participating	335463.14	229189.99	31	31	30
238	Non-Participating	335443.62	229217.77	31	31	30
239	Non-Participating	335443.96	229235.63	31	31	30
240	Non-Participating	335486.95	229243.90	31	31	30
241	Non-Participating	335447.92	229262.09	31	31	30
242	Non-Participating	335442.96	229286.23	31	31	30
243	Non-Participating	335431.06	229309.38	31	31	30
244	Non-Participating	335425.43	229336.50	32	32	31

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
245	Non-Participating	335414.52	229358.66	32	32	31
246	Non-Participating	335408.57	229381.48	32	32	31
247	Non-Participating	335445.94	229401.00	32	32	31
248	Non-Participating	335399.24	229408.04	32	32	31
249	Non-Participating	335387.44	229457.32	33	33	32
250	Non-Participating	335201.53	229457.55	34	34	33
251	Non-Participating	335198.55	229438.70	34	34	32
252	Non-Participating	335189.95	229407.94	33	33	32
253	Non-Participating	335187.64	229343.45	33	33	32
254	Non-Participating	335181.03	229317.65	33	33	32
255	Non-Participating	335181.03	229297.48	33	33	32
256	Non-Participating	335153.24	229342.46	33	33	32
257	Non-Participating	335132.08	229473.43	34	34	33
258	Non-Participating	335137.37	229451.60	34	34	33
259	Non-Participating	335125.79	229403.64	34	34	33
260	Non-Participating	335101.98	229412.24	34	34	33
261	Non-Participating	335093.71	229465.16	34	34	33
262	Non-Participating	335096.03	229370.57	34	34	32
263	Participating	336458.19	233835.69	42	41	40
264	Non-Participating	336925.47	233356.50	40	40	38
265	Participating	335594.53	231977.29	36	36	35
266	Participating	335581.27	231815.28	37	36	35
267	Participating	335600.26	231705.96	37	37	36
268	Participating	334575.26	231537.14	47	47	46
269	Non-Participating	334981.61	229433.51	34	34	33
271	Non-Participating	335059.75	229472.58	34	34	33
272	Non-Participating	335050.02	229330.04	33	33	32
273	Non-Participating	335058.44	229312.88	33	33	32
274	Non-Participating	334991.91	229284.75	33	33	32
275	Non-Participating	334920.32	229255.01	33	33	32
276	Non-Participating	334914.58	229323.11	34	34	32
277	Non-Participating	335011.36	229183.68	32	32	31
278	Non-Participating	334992.01	229180.10	32	32	31
279	Non-Participating	334974.44	229182.25	32	33	31
280	Non-Participating	334992.36	229217.02	33	33	32
281	Non-Participating	335019.96	229224.19	33	33	32
282	Non-Participating	335079.46	229207.34	32	32	31
283	Non-Participating	335116.38	229263.25	33	33	32
284	Non-Participating	335073.45	229251.31	33	33	32
285	Non-Participating	335069.77	229292.06	33	33	32
286	Non-Participating	335139.17	229215.50	32	32	31
287	Non-Participating	335342.55	229049.63	31	31	30
288	Non-Participating	335293.45	229014.86	31	31	30
289	Non-Participating	337610.78	232421.85	35	35	34
290	Participating	336940.17	233497.06	41	41	40

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
291	Non-Participating	338860.88	230343.97	33	33	32
292	Non-Participating	338925.12	230244.29	32	32	31
293	Non-Participating	339141.92	230235.71	30	30	29
296	Non-Participating	339239.93	229918.40	29	29	28
303	Non-Participating	340627.37	230287.76	26	27	26
304	Non-Participating	340531.02	230315.72	26	27	26
305	Non-Participating	340588.33	230360.86	26	27	26
306	Non-Participating	342938.03	236918.46	32	32	31
307	Non-Participating	345406.15	235618.42	27	27	26
308	Non-Participating	345292.80	234930.55	32	32	31
309	Non-Participating	344892.19	234722.46	36	36	35
310	Non-Participating	345045.34	234496.63	34	34	33
311	Non-Participating	344972.16	233663.75	34	34	33
312	Non-Participating	344897.12	233619.17	34	35	33
313	Non-Participating	344874.70	233150.13	32	32	31
314	Non-Participating	344979.36	233176.72	32	33	31
315	Non-Participating	345486.60	231384.20	30	31	29
316	Non-Participating	345626.42	231265.97	29	29	28
317	Non-Participating	345594.03	231344.33	30	30	29
318	Non-Participating	345623.65	231092.92	29	29	28
319	Non-Participating	344448.58	230384.67	29	29	28
320	Non-Participating	343732.02	231504.09	38	37	36
321	Non-Participating	343807.33	231352.64	37	36	35
322	Non-Participating	343778.26	231422.96	37	37	36
323	Non-Participating	343747.52	231399.98	37	36	35
324	Non-Participating	338745.15	230705.29	34	34	33
325	Non-Participating	345327.67	234867.94	33	33	32
326	Non-Participating	345361.76	235096.64	31	29	28
327	Non-Participating	345486.92	235529.50	28	28	27
328	Non-Participating	345508.13	235479.18	30	28	27
329	Non-Participating	345488.17	235645.09	27	27	26
336	Non-Participating	344283.22	230858.86	32	32	31
337	Non-Participating	335063.07	229058.63	32	32	31
338	Non-Participating	335076.21	229049.17	31	32	30
339	Non-Participating	335105.13	229033.13	31	31	30
340	Non-Participating	335118.53	229027.88	31	31	30
341	Non-Participating	335141.40	229010.79	31	31	30
342	Non-Participating	335133.85	229020.37	31	31	30
343	Non-Participating	335158.48	229000.81	31	31	30
344	Non-Participating	335161.11	228983.20	31	31	30
345	Non-Participating	335165.58	228970.58	31	31	30
347	Participating	342982.73	232934.90	43	43	41
348	Non-Participating	344422.24	235727.15	42	41	41
349	Participating	344265.39	235331.48	43	43	42
350	Non-Participating	335034.93	229007.57	31	31	30

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
351	Non-Participating	345006.87	233113.24	32	32	31
353	Non-Participating	344918.82	234567.99	35	35	34
354	Non-Participating	344495.84	233600.35	34	34	33
355	Non-Participating	344024.23	233828.84	39	39	38
356	Participating	343702.13	234287.71	42	41	40
357	Participating	343113.63	234584.82	44	43	42
360	Non-Participating	341011.74	234032.89	37	37	36
361	Non-Participating	340703.75	234900.99	36	36	35
362	Participating	338345.89	233030.41	40	40	38
363	Participating	336130.87	234286.29	43	42	41
364	Non-Participating	333810.00	229622.00	35	35	34
365	Non-Participating	335449.32	229173.95	31	31	30
366	Non-Participating	334957.44	229211.36	33	33	32
367	Non-Participating	335143.74	229291.99	33	33	32
368	Non-Participating	335089.70	229329.51	33	33	32
369	Non-Participating	336217.08	229757.63	34	33	32
370	Non-Participating	337013.01	229595.84	34	34	33
371	Participating	335656.83	231843.96	37	37	35
372	Participating	335654.04	231694.20	36	36	35
373	Non-Participating	345194.33	232633.78	33	32	31
374	Non-Participating	345441.19	235075.17	31	31	30
377	Non-Participating	340416.62	230703.35	26	27	26
378	Non-Participating	337408.76	236027.93	35	35	34
379	Non-Participating	337415.28	236162.68	34	34	33
380	Non-Participating	338243.81	235988.41	37	37	36
381	Non-Participating	338219.93	235798.87	39	39	38
382	Non-Participating	334962.23	229267.84	33	33	32
385	Non-Participating	337015.73	236271.48	33	33	32
386	Non-Participating	337446.94	236180.49	34	34	33
387	Non-Participating	337687.63	236115.76	34	35	33
388	Non-Participating	340623.75	234937.34	36	36	35
389	Non-Participating	341051.54	234075.51	37	37	36
390	Participating	340833.84	233719.46	38	38	37
391	Non-Participating	344183.74	230356.78	29	29	28
392	Participating	344124.42	235688.44	50	50	50
393	Participating	342660.39	232660.56	42	42	41
394	Non-Participating	340621.60	234929.14	36	36	35
395	Non-Participating	345501.77	235060.08	31	31	30
400	Non-Participating	338199.16	232479.56	37	37	36
401	Participating	335656.19	231874.96	37	36	35
402	Non-Participating	335477.50	229219.02	31	31	30
403	Non-Participating	335473.51	229262.07	31	31	30
404	Non-Participating	335268.04	228984.41	30	31	30
405	Non-Participating	335411.54	229146.82	31	31	30
406	Non-Participating	335193.90	229392.40	33	33	32

Table F1: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
407	Non-Participating	344177.55	232529.49	41	41	39
408	Participating	344054.32	233223.52	41	41	40
409	Non-Participating	338424.04	236725.09	26	27	26
410	Non-Participating	339182.66	236713.13	28	29	27
411	Non-Participating	339596.75	236334.92	27	27	26
412	Non-Participating	339677.98	236287.76	27	28	27
413	Non-Participating	342550.55	236953.57	31	32	31
414	Non-Participating	342436.58	237086.18	30	31	30
415	Non-Participating	342699.73	237031.77	31	32	30
416	Non-Participating	342904.14	237045.50	32	32	31
417	Non-Participating	342982.14	237171.00	31	31	30
418	Non-Participating	343027.39	237230.08	30	31	29
419	Non-Participating	343238.22	237404.60	29	29	28
422	Non-Participating	343226.75	237472.54	28	29	28
423	Non-Participating	335373.54	228881.72	30	30	29
424	Non-Participating	335399.08	228865.72	30	30	29
425	Non-Participating	335580.04	228817.52	29	29	28
426	Non-Participating	335503.15	228822.61	29	30	28
427	Non-Participating	335319.25	228953.71	30	30	29
428	Non-Participating	335284.40	228933.03	30	30	29
429	Non-Participating	335223.24	228930.42	31	31	30
430	Non-Participating	335245.61	228965.24	30	31	30
431	Non-Participating	335257.51	228973.94	30	31	30
432	Non-Participating	335237.55	228942.96	31	31	30
433	Non-Participating	335259.98	228881.12	30	30	29
434	Non-Participating	335174.94	228935.63	30	31	30
435	Non-Participating	335455.48	229370.18	32	32	31
436	Non-Participating	334845.20	229337.96	34	34	33
437	Non-Participating	336810.77	235834.82	36	36	35
438	Non-Participating	336415.85	236151.48	34	34	33
439	Non-Participating	340963.13	233791.22	38	38	36
440	Non-Participating	336163.73	232070.18	36	36	35

Notes: This table addresses stipulation (d) (11 and 12).

1. The GE 3.8-137 represents the most conservative wind turbine option for annual L_{10} calculations
2. The Nordex N149 represents the most conservative wind turbine option for annual L_{50} calculations
3. The Nordex N149 represents the most conservative wind turbine option for annual nighttime L_{EQ} calculations

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
7	Non-Participating	340619.01	230414.74	26	27	25
8	Non-Participating	341206.90	231923.63	34	34	33
9	Non-Participating	341121.66	232207.19	35	35	34
10	Participating	341079.81	233420.36	38	38	37
11	Non-Participating	341049.27	233571.17	38	38	37
12	Non-Participating	341006.81	234016.54	37	37	36
13	Non-Participating	341016.71	234074.59	37	37	35
14	Non-Participating	340968.84	234036.14	37	37	36
15	Non-Participating	341076.95	234083.32	37	37	35
16	Non-Participating	340879.71	234236.86	37	37	36
17	Non-Participating	340742.44	234490.20	37	37	35
18	Non-Participating	340657.22	234941.38	36	36	35
19	Non-Participating	340588.07	234970.56	36	36	35
20	Non-Participating	340638.92	235053.44	35	35	34
21	Non-Participating	342005.50	235640.05	37	37	35
22	Non-Participating	341872.67	235277.59	37	37	36
23	Non-Participating	341934.99	235383.33	37	37	36
24	Non-Participating	341721.59	235055.03	37	37	35
25	Non-Participating	341578.11	234929.83	36	36	35
26	Non-Participating	341682.02	234513.38	37	37	36
27	Non-Participating	341476.66	234231.74	36	36	35
28	Non-Participating	341713.34	234171.52	37	37	36
29	Non-Participating	341851.95	234174.27	38	38	36
30	Non-Participating	341855.46	234041.23	38	38	37
31	Non-Participating	341824.93	233794.99	40	39	38
32	Non-Participating	342012.49	233466.68	43	43	41
33	Participating	344177.40	235671.76	48	47	47
34	Non-Participating	342654.65	236319.69	36	36	34
35	Non-Participating	342599.16	236290.69	36	35	34
36	Non-Participating	342784.48	236030.56	39	38	37
37	Non-Participating	342658.75	236111.13	37	37	36
38	Non-Participating	342520.52	236163.69	36	36	35
39	Non-Participating	337948.82	231778.99	37	36	35
40	Non-Participating	337786.46	231577.83	39	39	37
41	Participating	337895.35	231924.61	36	36	35
42	Non-Participating	337793.49	232287.20	36	35	34
43	Participating	337831.92	232573.72	36	36	35
44	Non-Participating	338058.38	232745.47	37	37	36
45	Non-Participating	337913.04	232761.35	37	37	36
46	Non-Participating	338154.23	232818.74	38	38	37
47	Participating	337895.97	233277.19	40	39	38
48	Participating	339078.04	235081.18	44	43	42
49	Non-Participating	340323.61	234764.77	37	37	36
50	Non-Participating	339469.06	235633.18	37	37	36
51	Non-Participating	339271.45	235752.24	38	37	36

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
52	Non-Participating	337029.73	233025.30	37	37	36
53	Participating	336928.74	233068.67	38	38	36
54	Participating	336675.58	233267.47	39	38	37
55	Participating	336836.24	233782.14	43	42	41
56	Participating	336425.06	233873.49	42	42	40
57	Participating	336486.51	234473.33	43	42	41
58	Participating	336340.64	234698.00	44	43	42
59	Non-Participating	335666.14	234700.67	42	42	40
60	Non-Participating	333999.20	228981.15	31	31	29
61	Non-Participating	333755.57	229734.57	36	36	34
62	Non-Participating	333847.32	229373.27	33	33	32
63	Non-Participating	335138.86	230556.19	40	39	38
64	Participating	334906.39	231392.04	42	42	40
65	Participating	334754.48	231361.92	43	43	41
66	Participating	335066.82	231489.07	41	41	39
67	Non-Participating	335776.17	231493.65	37	37	36
68	Participating	335690.38	231758.87	37	37	35
69	Participating	335688.52	231912.75	36	36	35
70	Participating	336191.79	231976.63	36	36	35
71	Participating	336177.55	232034.57	36	36	35
72	Participating	336211.03	232092.03	36	36	35
73	Participating	336308.92	232146.29	35	36	34
74	Non-Participating	336785.25	232179.98	37	37	35
75	Non-Participating	335925.26	229927.91	34	34	33
76	Non-Participating	335686.43	229995.80	35	35	34
77	Non-Participating	335918.39	229834.92	34	34	33
78	Non-Participating	335881.54	229871.20	34	34	33
79	Non-Participating	335584.73	230033.94	35	35	34
80	Non-Participating	335320.05	230148.41	37	37	36
81	Non-Participating	335515.98	230064.52	36	36	34
82	Non-Participating	335560.99	230050.90	36	35	34
83	Non-Participating	332901.42	231530.67	33	33	31
84	Non-Participating	337155.97	229781.81	35	35	34
85	Non-Participating	337136.59	229633.36	34	34	33
86	Non-Participating	336947.73	229755.79	35	35	33
87	Non-Participating	336782.70	229699.82	34	34	33
88	Non-Participating	336550.90	229807.21	35	35	33
89	Non-Participating	336140.59	229704.67	33	33	32
90	Non-Participating	336618.43	230128.16	38	38	36
91	Non-Participating	336259.64	230212.38	38	38	37
94	Participating	336949.89	230606.28	42	41	40
95	Non-Participating	338742.06	230940.07	34	34	33
97	Non-Participating	337909.23	231706.50	37	37	36
98	Non-Participating	338859.13	230498.68	33	33	32
99	Non-Participating	336164.15	234962.10	42	42	41

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
100	Participating	339253.95	230673.50	31	31	29
101	Participating	337191.41	232831.80	37	37	35
102	Participating	335797.20	231375.53	38	37	36
103	Non-Participating	332637.99	231353.47	30	29	28
104	Participating	335542.47	231879.12	37	37	35
105	Participating	335966.89	231753.98	37	37	35
106	Non-Participating	345067.46	233458.47	32	32	31
108	Non-Participating	344870.69	233176.87	31	31	30
109	Non-Participating	334203.96	234687.99	35	35	34
110	Non-Participating	344977.78	234726.38	35	35	34
111	Participating	334574.05	234626.42	39	38	37
112	Non-Participating	334950.38	234608.63	43	42	41
113	Non-Participating	334353.04	234690.06	36	36	35
114	Non-Participating	344987.88	232865.77	32	32	31
115	Non-Participating	338632.36	232751.57	41	41	39
116	Participating	335494.72	234613.35	44	44	42
117	Participating	335142.48	234743.07	44	44	42
118	Non-Participating	335584.82	234635.80	43	42	41
120	Non-Participating	339482.91	234868.46	42	41	40
121	Non-Participating	339638.33	234862.63	41	41	40
122	Non-Participating	334624.66	234761.27	39	39	38
123	Non-Participating	339736.51	234867.53	41	41	39
124	Non-Participating	340007.16	234908.55	39	38	37
125	Non-Participating	340993.89	234167.74	37	37	35
126	Non-Participating	340445.02	234817.50	37	37	36
127	Non-Participating	340575.54	235607.14	33	33	32
128	Non-Participating	342733.56	236815.89	33	33	31
129	Non-Participating	345549.53	231489.59	30	30	29
130	Non-Participating	345584.55	231404.78	30	30	29
131	Non-Participating	345777.42	231603.52	29	29	28
132	Participating	343696.12	234679.31	43	43	42
133	Non-Participating	343494.66	234880.42	44	44	42
134	Participating	343576.49	234704.89	43	43	41
138	Participating	343275.28	234590.37	44	43	42
139	Participating	342974.92	234623.28	43	43	41
141	Participating	342664.93	234395.97	42	42	41
144	Non-Participating	341897.78	235318.44	37	37	36
147	Non-Participating	340809.21	230238.36	26	27	26
148	Non-Participating	341407.60	231202.37	31	31	30
149	Participating	341152.14	232004.80	34	34	33
150	Non-Participating	340693.19	230535.73	26	27	26
151	Non-Participating	341369.51	232973.70	38	38	36
152	Non-Participating	340979.59	233862.74	37	37	36
153	Non-Participating	341622.77	234658.38	36	36	35
154	Non-Participating	341066.41	233017.48	39	39	37

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
155	Non-Participating	344029.65	236165.66	42	42	41
156	Non-Participating	340482.25	235539.69	33	33	32
157	Non-Participating	341100.85	233545.46	38	38	36
158	Non-Participating	341305.07	231905.58	34	34	33
159	Non-Participating	340812.42	230544.35	27	27	26
160	Non-Participating	344541.82	230365.07	29	29	27
161	Non-Participating	344255.60	230516.44	30	30	29
162	Non-Participating	344372.76	230484.95	29	29	28
163	Non-Participating	344320.07	230668.28	31	31	30
164	Non-Participating	344140.90	231025.41	34	34	33
165	Non-Participating	344075.91	230472.46	30	30	28
166	Participating	342332.55	232929.63	43	43	41
167	Participating	342671.36	232690.59	42	42	40
168	Participating	342938.87	232793.74	42	42	41
169	Participating	342808.80	232783.79	42	42	40
170	Non-Participating	343477.72	231817.82	38	38	37
171	Non-Participating	343202.37	232031.90	39	39	37
172	Non-Participating	343761.03	231354.62	36	36	35
173	Non-Participating	345188.05	231964.06	34	34	33
174	Non-Participating	339852.67	231417.16	32	32	31
175	Non-Participating	345180.52	231808.74	34	34	33
176	Non-Participating	339966.86	231346.11	31	31	30
177	Non-Participating	345413.96	231818.19	32	32	31
178	Non-Participating	345012.80	232439.17	34	34	33
179	Non-Participating	340385.40	231185.05	30	30	29
180	Non-Participating	342956.89	232633.22	42	41	40
181	Non-Participating	339045.58	235889.18	38	38	36
182	Non-Participating	342898.74	236978.73	32	32	31
183	Participating	338505.60	235812.05	41	40	39
184	Participating	343055.87	233185.69	44	44	43
185	Non-Participating	339315.79	235711.42	38	37	36
186	Non-Participating	343327.72	237147.27	28	29	28
187	Non-Participating	339353.98	235681.81	38	37	36
188	Non-Participating	339623.53	235375.44	38	38	36
189	Non-Participating	345705.71	232523.62	30	30	29
190	Non-Participating	345115.72	232546.57	33	33	31
191	Non-Participating	345125.98	232273.64	34	34	33
192	Non-Participating	345050.58	233066.89	32	32	30
193	Non-Participating	345123.85	232842.60	32	32	31
194	Non-Participating	335419.22	229176.86	31	31	30
195	Non-Participating	335025.84	229302.51	33	33	32
196	Non-Participating	334981.10	229083.45	32	32	31
197	Non-Participating	333923.45	229248.37	32	32	31
198	Non-Participating	332822.67	230403.22	32	32	31
199	Non-Participating	336321.22	232985.79	37	37	35

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
200	Non-Participating	333525.42	235386.75	29	29	28
201	Non-Participating	334095.49	235253.68	33	33	32
202	Non-Participating	333769.80	232404.10	37	36	35
203	Non-Participating	344516.83	233594.15	34	34	33
204	Non-Participating	343744.53	234355.93	42	41	40
205	Participating	344029.89	233780.62	39	39	38
206	Non-Participating	344602.35	233712.48	35	35	34
207	Non-Participating	335296.04	235467.48	44	43	42
208	Non-Participating	343697.30	234526.86	43	42	41
209	Non-Participating	337327.53	236001.35	35	35	34
210	Non-Participating	337229.49	236055.82	35	35	33
211	Non-Participating	337104.28	236088.28	34	35	33
212	Non-Participating	337832.56	236097.90	35	35	34
213	Non-Participating	337716.99	236207.28	34	34	33
214	Non-Participating	338026.44	235945.98	37	37	35
215	Non-Participating	332821.87	232514.92	30	30	29
216	Non-Participating	335093.90	230425.80	41	40	39
217	Non-Participating	335198.91	230232.82	39	39	37
218	Non-Participating	335008.66	230661.24	41	40	39
219	Non-Participating	335622.68	229966.54	35	35	34
220	Non-Participating	337411.59	231725.22	41	40	39
221	Participating	342013.52	235093.05	39	38	37
222	Participating	338873.00	232058.55	37	37	36
223	Non-Participating	333795.83	229505.84	34	34	33
224	Non-Participating	334970.68	229357.17	34	34	32
225	Non-Participating	334891.17	229376.02	34	34	33
226	Non-Participating	334882.71	229348.13	34	34	33
227	Non-Participating	334857.65	229329.64	34	34	32
228	Non-Participating	333969.22	229358.27	33	33	32
229	Non-Participating	335368.15	229076.42	31	32	30
230	Non-Participating	335325.82	229037.26	31	31	30
231	Non-Participating	335306.55	229030.72	31	31	30
232	Non-Participating	335276.28	229015.03	31	31	30
233	Non-Participating	335381.12	229089.12	31	31	30
234	Non-Participating	335414.52	229134.43	30	31	29
235	Non-Participating	335585.84	229209.17	30	30	29
236	Non-Participating	335484.58	229197.64	31	31	29
237	Non-Participating	335463.14	229189.99	31	31	29
238	Non-Participating	335443.62	229217.77	31	31	30
239	Non-Participating	335443.96	229235.63	31	31	30
240	Non-Participating	335486.95	229243.90	31	31	30
241	Non-Participating	335447.92	229262.09	31	31	30
242	Non-Participating	335442.96	229286.23	31	31	30
243	Non-Participating	335431.06	229309.38	31	31	30
244	Non-Participating	335425.43	229336.50	32	32	30

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
245	Non-Participating	335414.52	229358.66	32	32	30
246	Non-Participating	335408.57	229381.48	32	32	31
247	Non-Participating	335445.94	229401.00	32	32	31
248	Non-Participating	335399.24	229408.04	32	32	31
249	Non-Participating	335387.44	229457.32	33	33	32
250	Non-Participating	335201.53	229457.55	34	34	32
251	Non-Participating	335198.55	229438.70	34	34	32
252	Non-Participating	335189.95	229407.94	33	33	32
253	Non-Participating	335187.64	229343.45	33	33	32
254	Non-Participating	335181.03	229317.65	33	33	31
255	Non-Participating	335181.03	229297.48	33	33	31
256	Non-Participating	335153.24	229342.46	33	33	32
257	Non-Participating	335132.08	229473.43	34	34	33
258	Non-Participating	335137.37	229451.60	34	34	33
259	Non-Participating	335125.79	229403.64	34	34	32
260	Non-Participating	335101.98	229412.24	34	34	32
261	Non-Participating	335093.71	229465.16	34	34	33
262	Non-Participating	335096.03	229370.57	34	34	32
263	Participating	336458.19	233835.69	42	41	40
264	Non-Participating	336925.47	233356.50	40	40	38
265	Participating	335594.53	231977.29	36	36	35
266	Participating	335581.27	231815.28	37	36	35
267	Participating	335600.26	231705.96	37	37	36
268	Participating	334575.26	231537.14	47	47	45
269	Non-Participating	334981.61	229433.51	34	34	33
271	Non-Participating	335059.75	229472.58	34	34	33
272	Non-Participating	335050.02	229330.04	33	33	32
273	Non-Participating	335058.44	229312.88	33	33	32
274	Non-Participating	334991.91	229284.75	33	33	32
275	Non-Participating	334920.32	229255.01	33	33	32
276	Non-Participating	334914.58	229323.11	34	34	32
277	Non-Participating	335011.36	229183.68	32	32	31
278	Non-Participating	334992.01	229180.10	32	32	31
279	Non-Participating	334974.44	229182.25	32	33	31
280	Non-Participating	334992.36	229217.02	33	33	31
281	Non-Participating	335019.96	229224.19	33	33	31
282	Non-Participating	335079.46	229207.34	32	32	31
283	Non-Participating	335116.38	229263.25	33	33	31
284	Non-Participating	335073.45	229251.31	33	33	31
285	Non-Participating	335069.77	229292.06	33	33	32
286	Non-Participating	335139.17	229215.50	32	32	31
287	Non-Participating	335342.55	229049.63	31	31	30
288	Non-Participating	335293.45	229014.86	31	31	29
289	Non-Participating	337610.78	232421.85	35	35	34
290	Participating	336940.17	233497.06	41	41	40

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
291	Non-Participating	338860.88	230343.97	33	33	31
292	Non-Participating	338925.12	230244.29	32	32	31
293	Non-Participating	339141.92	230235.71	30	30	29
296	Non-Participating	339239.93	229918.40	29	29	28
303	Non-Participating	340627.37	230287.76	26	27	26
304	Non-Participating	340531.02	230315.72	26	27	25
305	Non-Participating	340588.33	230360.86	26	27	26
306	Non-Participating	342938.03	236918.46	32	32	31
307	Non-Participating	345406.15	235618.42	27	27	26
308	Non-Participating	345292.80	234930.55	32	32	31
309	Non-Participating	344892.19	234722.46	36	36	34
310	Non-Participating	345045.34	234496.63	34	34	33
311	Non-Participating	344972.16	233663.75	34	34	32
312	Non-Participating	344897.12	233619.17	34	35	33
313	Non-Participating	344874.70	233150.13	32	32	31
314	Non-Participating	344979.36	233176.72	32	33	31
315	Non-Participating	345486.60	231384.20	30	31	29
316	Non-Participating	345626.42	231265.97	29	29	28
317	Non-Participating	345594.03	231344.33	30	30	29
318	Non-Participating	345623.65	231092.92	29	29	28
319	Non-Participating	344448.58	230384.67	29	29	28
320	Non-Participating	343732.02	231504.09	38	37	36
321	Non-Participating	343807.33	231352.64	37	36	35
322	Non-Participating	343778.26	231422.96	37	37	36
323	Non-Participating	343747.52	231399.98	37	36	35
324	Non-Participating	338745.15	230705.29	34	34	33
325	Non-Participating	345327.67	234867.94	33	33	32
326	Non-Participating	345361.76	235096.64	31	29	28
327	Non-Participating	345486.92	235529.50	28	28	27
328	Non-Participating	345508.13	235479.18	30	28	27
329	Non-Participating	345488.17	235645.09	27	27	26
336	Non-Participating	344283.22	230858.86	32	32	31
337	Non-Participating	335063.07	229058.63	32	32	30
338	Non-Participating	335076.21	229049.17	31	32	30
339	Non-Participating	335105.13	229033.13	31	31	30
340	Non-Participating	335118.53	229027.88	31	31	30
341	Non-Participating	335141.40	229010.79	31	31	30
342	Non-Participating	335133.85	229020.37	31	31	30
343	Non-Participating	335158.48	229000.81	31	31	30
344	Non-Participating	335161.11	228983.20	31	31	30
345	Non-Participating	335165.58	228970.58	31	31	30
347	Participating	342982.73	232934.90	43	43	41
348	Non-Participating	344422.24	235727.15	42	41	41
349	Participating	344265.39	235331.48	43	43	42
350	Non-Participating	335034.93	229007.57	31	31	30

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
351	Non-Participating	345006.87	233113.24	32	32	31
353	Non-Participating	344918.82	234567.99	35	35	34
354	Non-Participating	344495.84	233600.35	34	34	33
355	Non-Participating	344024.23	233828.84	39	39	38
356	Participating	343702.13	234287.71	42	41	40
357	Participating	343113.63	234584.82	44	43	42
360	Non-Participating	341011.74	234032.89	37	37	36
361	Non-Participating	340703.75	234900.99	36	36	35
362	Participating	338345.89	233030.41	40	40	38
363	Participating	336130.87	234286.29	43	42	41
364	Non-Participating	333810.00	229622.00	35	35	34
365	Non-Participating	335449.32	229173.95	31	31	29
366	Non-Participating	334957.44	229211.36	33	33	31
367	Non-Participating	335143.74	229291.99	33	33	31
368	Non-Participating	335089.70	229329.51	33	33	32
369	Non-Participating	336217.08	229757.63	34	33	32
370	Non-Participating	337013.01	229595.84	34	34	32
371	Participating	335656.83	231843.96	37	37	35
372	Participating	335654.04	231694.20	36	36	35
373	Non-Participating	345194.33	232633.78	33	32	31
374	Non-Participating	345441.19	235075.17	31	31	30
377	Non-Participating	340416.62	230703.35	26	27	26
378	Non-Participating	337408.76	236027.93	35	35	34
379	Non-Participating	337415.28	236162.68	34	34	33
380	Non-Participating	338243.81	235988.41	37	37	36
381	Non-Participating	338219.93	235798.87	39	39	38
382	Non-Participating	334962.23	229267.84	33	33	32
385	Non-Participating	337015.73	236271.48	33	33	32
386	Non-Participating	337446.94	236180.49	34	34	33
387	Non-Participating	337687.63	236115.76	34	35	33
388	Non-Participating	340623.75	234937.34	36	36	35
389	Non-Participating	341051.54	234075.51	37	37	35
390	Participating	340833.84	233719.46	38	38	37
391	Non-Participating	344183.74	230356.78	29	29	28
392	Participating	344124.42	235688.44	50	50	50
393	Participating	342660.39	232660.56	42	42	41
394	Non-Participating	340621.60	234929.14	36	36	35
395	Non-Participating	345501.77	235060.08	31	31	30
400	Non-Participating	338199.16	232479.56	37	37	35
401	Participating	335656.19	231874.96	37	36	35
402	Non-Participating	335477.50	229219.02	31	31	30
403	Non-Participating	335473.51	229262.07	31	31	30
404	Non-Participating	335268.04	228984.41	30	31	29
405	Non-Participating	335411.54	229146.82	31	31	29
406	Non-Participating	335193.90	229392.40	33	33	32

Table F2: Annual Sound Level Modeling Results at Discrete Points - Sorted by Receptor ID - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NY State Plane Central NAD83		GE 3.8-137 L_{10}, Outside (dBA)[1]	Nordex N149 L_{50}, Outside (dBA)[2]	Nordex N149 L_{EQ}, night, Outside (dBA)[3]
		X (m)	Y (m)			
407	Non-Participating	344177.55	232529.49	41	41	39
408	Participating	344054.32	233223.52	41	41	40
409	Non-Participating	338424.04	236725.09	26	27	26
410	Non-Participating	339182.66	236713.13	28	29	27
411	Non-Participating	339596.75	236334.92	27	27	26
412	Non-Participating	339677.98	236287.76	27	28	27
413	Non-Participating	342550.55	236953.57	31	32	30
414	Non-Participating	342436.58	237086.18	30	31	29
415	Non-Participating	342699.73	237031.77	31	32	30
416	Non-Participating	342904.14	237045.50	32	32	30
417	Non-Participating	342982.14	237171.00	31	31	30
418	Non-Participating	343027.39	237230.08	30	31	29
419	Non-Participating	343238.22	237404.60	29	29	28
422	Non-Participating	343226.75	237472.54	28	29	27
423	Non-Participating	335373.54	228881.72	30	30	29
424	Non-Participating	335399.08	228865.72	30	30	29
425	Non-Participating	335580.04	228817.52	29	29	28
426	Non-Participating	335503.15	228822.61	29	30	28
427	Non-Participating	335319.25	228953.71	30	30	29
428	Non-Participating	335284.40	228933.03	30	30	29
429	Non-Participating	335223.24	228930.42	31	31	30
430	Non-Participating	335245.61	228965.24	30	31	29
431	Non-Participating	335257.51	228973.94	30	31	29
432	Non-Participating	335237.55	228942.96	31	31	29
433	Non-Participating	335259.98	228881.12	30	30	29
434	Non-Participating	335174.94	228935.63	30	31	29
435	Non-Participating	335455.48	229370.18	32	32	30
436	Non-Participating	334845.20	229337.96	34	34	33
437	Non-Participating	336810.77	235834.82	36	36	35
438	Non-Participating	336415.85	236151.48	34	34	33
439	Non-Participating	340963.13	233791.22	38	38	36
440	Non-Participating	336163.73	232070.18	36	36	35

Notes: This table addresses stipulation (d) (11 and 12).

1. The GE 3.8-137 represents the most conservative wind turbine option for annual L_{10} calculations
2. The Nordex N149 represents the most conservative wind turbine option for annual L_{50} calculations
3. The Nordex N149 represents the most conservative wind turbine option for annual nighttime L_{EQ} calculations

Appendix G

Total Future Sound Levels

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
7	340619.01	230414.74	Location 5
8	341206.90	231923.63	Location 5
9	341121.66	232207.19	Location 5
10	341079.81	233420.36	Location 7
11	341049.27	233571.17	Location 7
12	341006.81	234016.54	Location 6
13	341016.71	234074.59	Location 6
14	340968.84	234036.14	Location 6
15	341076.95	234083.32	Location 6
16	340879.71	234236.86	Location 6
17	340742.44	234490.20	Location 6
18	340657.22	234941.38	Location 6
19	340588.07	234970.56	Location 6
20	340638.92	235053.44	Location 6
21	342005.50	235640.05	Location 6
22	341872.67	235277.59	Location 6
23	341934.99	235383.33	Location 6
24	341721.59	235055.03	Location 6
25	341578.11	234929.83	Location 6
26	341682.02	234513.38	Location 7
27	341476.66	234231.74	Location 7
28	341713.34	234171.52	Location 7
29	341851.95	234174.27	Location 7
30	341855.46	234041.23	Location 7
31	341824.93	233794.99	Location 7
32	342012.49	233466.68	Location 7
33	344177.40	235671.76	Location 7
34	342654.65	236319.69	Location 7
35	342599.16	236290.69	Location 7
36	342784.48	236030.56	Location 7
37	342658.75	236111.13	Location 7
38	342520.52	236163.69	Location 7
39	337948.82	231778.99	Location 5
40	337786.46	231577.83	Location 5
41	337895.35	231924.61	Location 5
42	337793.49	232287.20	Location 4
43	337831.92	232573.72	Location 4
44	338058.38	232745.47	Location 4
45	337913.04	232761.35	Location 4
46	338154.23	232818.74	Location 4
47	337895.97	233277.19	Location 4
48	339078.04	235081.18	Location 6
49	340323.61	234764.77	Location 6
50	339469.06	235633.18	Location 6
51	339271.45	235752.24	Location 6
52	337029.73	233025.30	Location 4
53	336928.74	233068.67	Location 4
54	336675.58	233267.47	Location 4

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
55	336836.24	233782.14	Location 4
56	336425.06	233873.49	Location 4
57	336486.51	234473.33	Location 4
58	336340.64	234698.00	Location 4
59	335666.14	234700.67	Location 4
60	333999.20	228981.15	Location 3
61	333755.57	229734.57	Location 1
62	333847.32	229373.27	Location 3
63	335138.86	230556.19	Location 3
64	334906.39	231392.04	Location 3
65	334754.48	231361.92	Location 3
66	335066.82	231489.07	Location 3
67	335776.17	231493.65	Location 3
68	335690.38	231758.87	Location 3
69	335688.52	231912.75	Location 3
70	336191.79	231976.63	Location 3
71	336177.55	232034.57	Location 3
72	336211.03	232092.03	Location 3
73	336308.92	232146.29	Location 4
74	336785.25	232179.98	Location 4
75	335925.26	229927.91	Location 3
76	335686.43	229995.80	Location 3
77	335918.39	229834.92	Location 3
78	335881.54	229871.20	Location 3
79	335584.73	230033.94	Location 3
80	335320.05	230148.41	Location 3
81	335515.98	230064.52	Location 3
82	335560.99	230050.90	Location 3
83	332901.42	231530.67	Location 2 - Winter
84	337155.97	229781.81	Location 5
85	337136.59	229633.36	Location 5
86	336947.73	229755.79	Location 5
87	336782.70	229699.82	Location 5
88	336550.90	229807.21	Location 3
89	336140.59	229704.67	Location 3
90	336618.43	230128.16	Location 3
91	336259.64	230212.38	Location 3
94	336949.89	230606.28	Location 3
95	338742.06	230940.07	Location 5
97	337909.23	231706.50	Location 5
98	338859.13	230498.68	Location 5
99	336164.15	234962.10	Location 4
100	339253.95	230673.50	Location 5
101	337191.41	232831.80	Location 4
102	335797.20	231375.53	Location 3
103	332637.99	231353.47	Location 2 - Winter
104	335542.47	231879.12	Location 3
105	335966.89	231753.98	Location 3

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
106	345067.46	233458.47	Location 7
108	344870.69	233176.87	Location 7
109	334203.96	234687.99	Location 4
110	344977.78	234726.38	Location 7
111	334574.05	234626.42	Location 4
112	334950.38	234608.63	Location 4
113	334353.04	234690.06	Location 4
114	344987.88	232865.77	Location 7
115	338632.36	232751.57	Location 4
116	335494.72	234613.35	Location 4
117	335142.48	234743.07	Location 4
118	335584.82	234635.80	Location 4
120	339482.91	234868.46	Location 6
121	339638.33	234862.63	Location 6
122	334624.66	234761.27	Location 4
123	339736.51	234867.53	Location 6
124	340007.16	234908.55	Location 6
125	340993.89	234167.74	Location 6
126	340445.02	234817.50	Location 6
127	340575.54	235607.14	Location 6
128	342733.56	236815.89	Location 6
129	345549.53	231489.59	Location 7
130	345584.55	231404.78	Location 7
131	345777.42	231603.52	Location 7
132	343696.12	234679.31	Location 7
133	343494.66	234880.42	Location 7
134	343576.49	234704.89	Location 7
138	343275.28	234590.37	Location 7
139	342974.92	234623.28	Location 7
141	342664.93	234395.97	Location 7
144	341897.78	235318.44	Location 6
147	340809.21	230238.36	Location 5
148	341407.60	231202.37	Location 5
149	341152.14	232004.80	Location 5
150	340693.19	230535.73	Location 5
151	341369.51	232973.70	Location 7
152	340979.59	233862.74	Location 6
153	341622.77	234658.38	Location 7
154	341066.41	233017.48	Location 7
155	344029.65	236165.66	Location 7
156	340482.25	235539.69	Location 6
157	341100.85	233545.46	Location 7
158	341305.07	231905.58	Location 5
159	340812.42	230544.35	Location 5
160	344541.82	230365.07	Location 7
161	344255.60	230516.44	Location 7
162	344372.76	230484.95	Location 7
163	344320.07	230668.28	Location 7

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
164	344140.90	231025.41	Location 7
165	344075.91	230472.46	Location 7
166	342332.55	232929.63	Location 7
167	342671.36	232690.59	Location 7
168	342938.87	232793.74	Location 7
169	342808.80	232783.79	Location 7
170	343477.72	231817.82	Location 7
171	343202.37	232031.90	Location 7
172	343761.03	231354.62	Location 7
173	345188.05	231964.06	Location 7
174	339852.67	231417.16	Location 5
175	345180.52	231808.74	Location 7
176	339966.86	231346.11	Location 5
177	345413.96	231818.19	Location 7
178	345012.80	232439.17	Location 7
179	340385.40	231185.05	Location 5
180	342956.89	232633.22	Location 7
181	339045.58	235889.18	Location 6
182	342898.74	236978.73	Location 7
183	338505.60	235812.05	Location 6
184	343055.87	233185.69	Location 7
185	339315.79	235711.42	Location 6
186	343327.72	237147.27	Location 7
187	339353.98	235681.81	Location 6
188	339623.53	235375.44	Location 6
189	345705.71	232523.62	Location 7
190	345115.72	232546.57	Location 7
191	345125.98	232273.64	Location 7
192	345050.58	233066.89	Location 7
193	345123.85	232842.60	Location 7
194	335419.22	229176.86	Location 3
195	335025.84	229302.51	Location 3
196	334981.10	229083.45	Location 3
197	333923.45	229248.37	Location 3
198	332822.67	230403.22	Location 1
199	336321.22	232985.79	Location 4
200	333525.42	235386.75	Location 2 - Winter
201	334095.49	235253.68	Location 4
202	333769.80	232404.10	Location 3
203	344516.83	233594.15	Location 7
204	343744.53	234355.93	Location 7
205	344029.89	233780.62	Location 7
206	344602.35	233712.48	Location 7
207	335296.04	235467.48	Location 4
208	343697.30	234526.86	Location 7
209	337327.53	236001.35	Location 4
210	337229.49	236055.82	Location 4
211	337104.28	236088.28	Location 4

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
212	337832.56	236097.90	Location 6
213	337716.99	236207.28	Location 6
214	338026.44	235945.98	Location 6
215	332821.87	232514.92	Location 2 - Winter
216	335093.90	230425.80	Location 3
217	335198.91	230232.82	Location 3
218	335008.66	230661.24	Location 3
219	335622.68	229966.54	Location 3
220	337411.59	231725.22	Location 4
221	342013.52	235093.05	Location 7
222	338873.00	232058.55	Location 5
223	333795.83	229505.84	Location 1
224	334970.68	229357.17	Location 3
225	334891.17	229376.02	Location 3
226	334882.71	229348.13	Location 3
227	334857.65	229329.64	Location 3
228	333969.22	229358.27	Location 3
229	335368.15	229076.42	Location 3
230	335325.82	229037.26	Location 3
231	335306.55	229030.72	Location 3
232	335276.28	229015.03	Location 3
233	335381.12	229089.12	Location 3
234	335414.52	229134.43	Location 3
235	335585.84	229209.17	Location 3
236	335484.58	229197.64	Location 3
237	335463.14	229189.99	Location 3
238	335443.62	229217.77	Location 3
239	335443.96	229235.63	Location 3
240	335486.95	229243.90	Location 3
241	335447.92	229262.09	Location 3
242	335442.96	229286.23	Location 3
243	335431.06	229309.38	Location 3
244	335425.43	229336.50	Location 3
245	335414.52	229358.66	Location 3
246	335408.57	229381.48	Location 3
247	335445.94	229401.00	Location 3
248	335399.24	229408.04	Location 3
249	335387.44	229457.32	Location 3
250	335201.53	229457.55	Location 3
251	335198.55	229438.70	Location 3
252	335189.95	229407.94	Location 3
253	335187.64	229343.45	Location 3
254	335181.03	229317.65	Location 3
255	335181.03	229297.48	Location 3
256	335153.24	229342.46	Location 3
257	335132.08	229473.43	Location 3
258	335137.37	229451.60	Location 3
259	335125.79	229403.64	Location 3

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
260	335101.98	229412.24	Location 3
261	335093.71	229465.16	Location 3
262	335096.03	229370.57	Location 3
263	336458.19	233835.69	Location 4
264	336925.47	233356.50	Location 4
265	335594.53	231977.29	Location 3
266	335581.27	231815.28	Location 3
267	335600.26	231705.96	Location 3
268	334575.26	231537.14	Location 3
269	334981.61	229433.51	Location 3
271	335059.75	229472.58	Location 3
272	335050.02	229330.04	Location 3
273	335058.44	229312.88	Location 3
274	334991.91	229284.75	Location 3
275	334920.32	229255.01	Location 3
276	334914.58	229323.11	Location 3
277	335011.36	229183.68	Location 3
278	334992.01	229180.10	Location 3
279	334974.44	229182.25	Location 3
280	334992.36	229217.02	Location 3
281	335019.96	229224.19	Location 3
282	335079.46	229207.34	Location 3
283	335116.38	229263.25	Location 3
284	335073.45	229251.31	Location 3
285	335069.77	229292.06	Location 3
286	335139.17	229215.50	Location 3
287	335342.55	229049.63	Location 3
288	335293.45	229014.86	Location 3
289	337610.78	232421.85	Location 4
290	336940.17	233497.06	Location 4
291	338860.88	230343.97	Location 5
292	338925.12	230244.29	Location 5
293	339141.92	230235.71	Location 5
296	339239.93	229918.40	Location 5
303	340627.37	230287.76	Location 5
304	340531.02	230315.72	Location 5
305	340588.33	230360.86	Location 5
306	342938.03	236918.46	Location 7
307	345406.15	235618.42	Location 7
308	345292.80	234930.55	Location 7
309	344892.19	234722.46	Location 7
310	345045.34	234496.63	Location 7
311	344972.16	233663.75	Location 7
312	344897.12	233619.17	Location 7
313	344874.70	233150.13	Location 7
314	344979.36	233176.72	Location 7
315	345486.60	231384.20	Location 7
316	345626.42	231265.97	Location 7

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
317	345594.03	231344.33	Location 7
318	345623.65	231092.92	Location 7
319	344448.58	230384.67	Location 7
320	343732.02	231504.09	Location 7
321	343807.33	231352.64	Location 7
322	343778.26	231422.96	Location 7
323	343747.52	231399.98	Location 7
324	338745.15	230705.29	Location 5
325	345327.67	234867.94	Location 7
326	345361.76	235096.64	Location 7
327	345486.92	235529.50	Location 7
328	345508.13	235479.18	Location 7
329	345488.17	235645.09	Location 7
336	344283.22	230858.86	Location 7
337	335063.07	229058.63	Location 3
338	335076.21	229049.17	Location 3
339	335105.13	229033.13	Location 3
340	335118.53	229027.88	Location 3
341	335141.40	229010.79	Location 3
342	335133.85	229020.37	Location 3
343	335158.48	229000.81	Location 3
344	335161.11	228983.20	Location 3
345	335165.58	228970.58	Location 3
347	342982.73	232934.90	Location 7
348	344422.24	235727.15	Location 7
349	344265.39	235331.48	Location 7
350	335034.93	229007.57	Location 3
351	345006.87	233113.24	Location 7
353	344918.82	234567.99	Location 7
354	344495.84	233600.35	Location 7
355	344024.23	233828.84	Location 7
356	343702.13	234287.71	Location 7
357	343113.63	234584.82	Location 7
360	341011.74	234032.89	Location 6
361	340703.75	234900.99	Location 6
362	338345.89	233030.41	Location 4
363	336130.87	234286.29	Location 4
364	333810.00	229622.00	Location 1
365	335449.32	229173.95	Location 3
366	334957.44	229211.36	Location 3
367	335143.74	229291.99	Location 3
368	335089.70	229329.51	Location 3
369	336217.08	229757.63	Location 3
370	337013.01	229595.84	Location 5
371	335656.83	231843.96	Location 3
372	335654.04	231694.20	Location 3
373	345194.33	232633.78	Location 7
374	345441.19	235075.17	Location 7

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
377	340416.62	230703.35	Location 5
378	337408.76	236027.93	Location 4
379	337415.28	236162.68	Location 4
380	338243.81	235988.41	Location 6
381	338219.93	235798.87	Location 6
382	334962.23	229267.84	Location 3
385	337015.73	236271.48	Location 4
386	337446.94	236180.49	Location 6
387	337687.63	236115.76	Location 6
388	340623.75	234937.34	Location 6
389	341051.54	234075.51	Location 6
390	340833.84	233719.46	Location 6
391	344183.74	230356.78	Location 7
392	344124.42	235688.44	Location 7
393	342660.39	232660.56	Location 7
394	340621.60	234929.14	Location 6
395	345501.77	235060.08	Location 7
400	338199.16	232479.56	Location 4
401	335656.19	231874.96	Location 3
402	335477.50	229219.02	Location 3
403	335473.51	229262.07	Location 3
404	335268.04	228984.41	Location 3
405	335411.54	229146.82	Location 3
406	335193.90	229392.40	Location 3
407	344177.55	232529.49	Location 7
408	344054.32	233223.52	Location 7
409	338424.04	236725.09	Location 6
410	339182.66	236713.13	Location 6
411	339596.75	236334.92	Location 6
412	339677.98	236287.76	Location 6
413	342550.55	236953.57	Location 6
414	342436.58	237086.18	Location 6
415	342699.73	237031.77	Location 6
416	342904.14	237045.50	Location 7
417	342982.14	237171.00	Location 7
418	343027.39	237230.08	Location 7
419	343238.22	237404.60	Location 7
422	343226.75	237472.54	Location 7
423	335373.54	228881.72	Location 3
424	335399.08	228865.72	Location 3
425	335580.04	228817.52	Location 3
426	335503.15	228822.61	Location 3
427	335319.25	228953.71	Location 3
428	335284.40	228933.03	Location 3
429	335223.24	228930.42	Location 3
430	335245.61	228965.24	Location 3
431	335257.51	228973.94	Location 3
432	335237.55	228942.96	Location 3

Table G-1: Assignment of Measurement Locations to Modeling Locations

Modeling Receptor ID	Coordinates NAD83 NY State Plane Central		Assigned Measurement ID
	X (m)	Y (m)	
433	335259.98	228881.12	Location 3
434	335174.94	228935.63	Location 3
435	335455.48	229370.18	Location 3
436	334845.20	229337.96	Location 3
437	336810.77	235834.82	Location 4
438	336415.85	236151.48	Location 4
439	340963.13	233791.22	Location 6
440	336163.73	232070.18	Location 3

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
7	Non-Participating	340619.01	230414.74	28	27	28	48
8	Non-Participating	341206.90	231923.63	35	34	35	49
9	Non-Participating	341121.66	232207.19	36	36	36	50
10	Participating	341079.81	233420.36	38	39	38	48
11	Non-Participating	341049.27	233571.17	38	38	38	48
12	Non-Participating	341006.81	234016.54	37	37	37	49
13	Non-Participating	341016.71	234074.59	37	37	37	49
14	Non-Participating	340968.84	234036.14	37	37	38	49
15	Non-Participating	341076.95	234083.32	37	37	37	49
16	Non-Participating	340879.71	234236.86	37	37	37	49
17	Non-Participating	340742.44	234490.20	37	37	37	49
18	Non-Participating	340657.22	234941.38	36	36	36	49
19	Non-Participating	340588.07	234970.56	36	36	36	49
20	Non-Participating	340638.92	235053.44	35	35	36	49
21	Non-Participating	342005.50	235640.05	37	37	37	49
22	Non-Participating	341872.67	235277.59	37	37	38	49
23	Non-Participating	341934.99	235383.33	37	37	38	49
24	Non-Participating	341721.59	235055.03	37	37	37	50
25	Non-Participating	341578.11	234929.83	36	36	37	49
26	Non-Participating	341682.02	234513.38	37	37	37	48
27	Non-Participating	341476.66	234231.74	37	37	36	48
28	Non-Participating	341713.34	234171.52	37	38	37	48
29	Non-Participating	341851.95	234174.27	38	38	38	48
30	Non-Participating	341855.46	234041.23	38	39	38	48
31	Non-Participating	341824.93	233794.99	40	40	40	49
32	Non-Participating	342012.49	233466.68	43	43	43	49
33	Participating	344177.40	235671.76	48	48	48	49
34	Non-Participating	342654.65	236319.69	36	36	36	49
35	Non-Participating	342599.16	236290.69	36	36	36	49
36	Non-Participating	342784.48	236030.56	39	39	39	48
37	Non-Participating	342658.75	236111.13	37	38	37	48
38	Non-Participating	342520.52	236163.69	36	37	36	48
39	Non-Participating	337948.82	231778.99	37	37	37	48
40	Non-Participating	337786.46	231577.83	39	39	39	48
41	Participating	337895.35	231924.61	36	36	36	49
42	Non-Participating	337793.49	232287.20	36	36	36	48
43	Participating	337831.92	232573.72	36	36	36	47
44	Non-Participating	338058.38	232745.47	37	37	37	47
45	Non-Participating	337913.04	232761.35	37	37	37	47
46	Non-Participating	338154.23	232818.74	38	38	38	47
47	Participating	337895.97	233277.19	40	40	40	47
48	Participating	339078.04	235081.18	44	44	44	49
49	Non-Participating	340323.61	234764.77	37	37	38	49
50	Non-Participating	339469.06	235633.18	37	37	38	49
51	Non-Participating	339271.45	235752.24	38	38	38	49
52	Non-Participating	337029.73	233025.30	37	37	37	47
53	Participating	336928.74	233068.67	38	38	38	47
54	Participating	336675.58	233267.47	39	39	39	47
55	Participating	336836.24	233782.14	43	43	43	47
56	Participating	336425.06	233873.49	42	42	42	47
57	Participating	336486.51	234473.33	43	43	43	47
58	Participating	336340.64	234698.00	44	44	44	47
59	Non-Participating	335666.14	234700.67	42	42	42	47
60	Non-Participating	333999.20	228981.15	31	31	31	48
61	Non-Participating	333755.57	229734.57	41	36	36	57
62	Non-Participating	333847.32	229373.27	33	33	33	48
63	Non-Participating	335138.86	230556.19	40	40	40	48
64	Participating	334906.39	231392.04	42	42	42	48
65	Participating	334754.48	231361.92	43	43	43	48
66	Participating	335066.82	231489.07	41	41	41	48
67	Non-Participating	335776.17	231493.65	37	37	37	48
68	Participating	335690.38	231758.87	37	37	37	49

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
69	Participating	335688.52	231912.75	36	36	36	48
70	Participating	336191.79	231976.63	36	36	36	48
71	Participating	336177.55	232034.57	36	36	36	48
72	Participating	336211.03	232092.03	36	36	36	49
73	Participating	336308.92	232146.29	36	35	35	47
74	Non-Participating	336785.25	232179.98	37	37	37	47
75	Non-Participating	335925.26	229927.91	35	35	35	48
76	Non-Participating	335686.43	229995.80	35	35	35	48
77	Non-Participating	335918.39	229834.92	34	34	34	48
78	Non-Participating	335881.54	229871.20	34	34	34	48
79	Non-Participating	335584.73	230033.94	36	35	36	48
80	Non-Participating	335320.05	230148.41	37	37	37	48
81	Non-Participating	335515.98	230064.52	36	36	36	48
82	Non-Participating	335560.99	230050.90	36	36	36	48
83	Non-Participating	332901.42	231530.67	33	33	33	45
84	Non-Participating	337155.97	229781.81	35	35	35	49
85	Non-Participating	337136.59	229633.36	34	34	34	48
86	Non-Participating	336947.73	229755.79	35	35	35	48
87	Non-Participating	336782.70	229699.82	35	34	35	48
88	Non-Participating	336550.90	229807.21	35	35	35	49
89	Non-Participating	336140.59	229704.67	33	33	33	49
90	Non-Participating	336618.43	230128.16	38	38	38	49
91	Non-Participating	336259.64	230212.38	39	38	39	49
94	Participating	336949.89	230606.28	42	42	42	49
95	Non-Participating	338742.06	230940.07	35	34	35	48
97	Non-Participating	337909.23	231706.50	37	37	37	48
98	Non-Participating	338859.13	230498.68	34	33	34	48
99	Non-Participating	336164.15	234962.10	42	42	42	47
100	Participating	339253.95	230673.50	31	31	31	48
101	Participating	337191.41	232831.80	37	37	37	47
102	Participating	335797.20	231375.53	38	38	38	48
103	Non-Participating	332637.99	231353.47	30	30	30	44
104	Participating	335542.47	231879.12	37	37	37	48
105	Participating	335966.89	231753.98	37	37	37	48
106	Non-Participating	345067.46	233458.47	33	33	32	49
108	Non-Participating	344870.69	233176.87	32	33	31	49
109	Non-Participating	334203.96	234687.99	35	35	35	48
110	Non-Participating	344977.78	234726.38	35	36	35	49
111	Participating	334574.05	234626.42	39	39	39	48
112	Non-Participating	334950.38	234608.63	43	43	43	48
113	Non-Participating	334353.04	234690.06	36	36	36	47
114	Non-Participating	344987.88	232865.77	33	34	32	48
115	Non-Participating	338632.36	232751.57	41	41	41	47
116	Participating	335494.72	234613.35	44	44	44	47
117	Participating	335142.48	234743.07	44	44	44	47
118	Non-Participating	335584.82	234635.80	43	43	43	47
120	Non-Participating	339482.91	234868.46	42	42	42	49
121	Non-Participating	339638.33	234862.63	41	41	42	49
122	Non-Participating	334624.66	234761.27	39	39	39	47
123	Non-Participating	339736.51	234867.53	41	41	41	49
124	Non-Participating	340007.16	234908.55	39	39	39	49
125	Non-Participating	340993.89	234167.74	37	37	37	49
126	Non-Participating	340445.02	234817.50	37	37	38	49
127	Non-Participating	340575.54	235607.14	33	33	34	49
128	Non-Participating	342733.56	236815.89	33	33	34	49
129	Non-Participating	345549.53	231489.59	31	32	31	48
130	Non-Participating	345584.55	231404.78	31	32	30	48
131	Non-Participating	345777.42	231603.52	30	32	30	48
132	Participating	343696.12	234679.31	43	44	43	48
133	Non-Participating	343494.66	234880.42	44	44	44	48
134	Participating	343576.49	234704.89	43	43	43	49
138	Participating	343275.28	234590.37	44	44	44	49

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
139	Participating	342974.92	234623.28	43	43	43	49
141	Participating	342664.93	234395.97	42	43	42	49
144	Non-Participating	341897.78	235318.44	37	37	38	49
147	Non-Participating	340809.21	230238.36	28	27	28	48
148	Non-Participating	341407.60	231202.37	31	31	31	48
149	Participating	341152.14	232004.80	35	35	35	48
150	Non-Participating	340693.19	230535.73	28	27	28	48
151	Non-Participating	341369.51	232973.70	38	38	38	48
152	Non-Participating	340979.59	233862.74	37	37	38	49
153	Non-Participating	341622.77	234658.38	36	37	36	48
154	Non-Participating	341066.41	233017.48	39	39	39	48
155	Non-Participating	344029.65	236165.66	42	42	42	48
156	Non-Participating	340482.25	235539.69	33	33	34	49
157	Non-Participating	341100.85	233545.46	38	38	38	48
158	Non-Participating	341305.07	231905.58	35	35	35	48
159	Non-Participating	340812.42	230544.35	29	27	28	48
160	Non-Participating	344541.82	230365.07	30	31	29	49
161	Non-Participating	344255.60	230516.44	31	32	30	48
162	Non-Participating	344372.76	230484.95	30	32	30	48
163	Non-Participating	344320.07	230668.28	31	33	31	48
164	Non-Participating	344140.90	231025.41	34	35	34	48
165	Non-Participating	344075.91	230472.46	30	32	30	48
166	Participating	342332.55	232929.63	43	43	43	48
167	Participating	342671.36	232690.59	42	42	42	48
168	Participating	342938.87	232793.74	42	42	42	48
169	Participating	342808.80	232783.79	42	42	42	48
170	Non-Participating	343477.72	231817.82	38	39	38	48
171	Non-Participating	343202.37	232031.90	39	39	39	48
172	Non-Participating	343761.03	231354.62	36	37	36	48
173	Non-Participating	345188.05	231964.06	35	35	34	48
174	Non-Participating	339852.67	231417.16	32	32	32	48
175	Non-Participating	345180.52	231808.74	34	35	34	48
176	Non-Participating	339966.86	231346.11	32	31	32	47
177	Non-Participating	345413.96	231818.19	33	33	32	48
178	Non-Participating	345012.80	232439.17	34	35	34	48
179	Non-Participating	340385.40	231185.05	31	30	31	48
180	Non-Participating	342956.89	232633.22	42	42	42	49
181	Non-Participating	339045.58	235889.18	38	38	38	49
182	Non-Participating	342898.74	236978.73	33	33	32	48
183	Participating	338505.60	235812.05	41	41	41	50
184	Participating	343055.87	233185.69	44	44	44	49
185	Non-Participating	339315.79	235711.42	38	38	38	49
186	Non-Participating	343327.72	237147.27	30	31	29	48
187	Non-Participating	339353.98	235681.81	38	38	38	49
188	Non-Participating	339623.53	235375.44	38	38	38	49
189	Non-Participating	345705.71	232523.62	31	32	30	48
190	Non-Participating	345115.72	232546.57	33	34	33	48
191	Non-Participating	345125.98	232273.64	34	35	34	48
192	Non-Participating	345050.58	233066.89	32	33	32	48
193	Non-Participating	345123.85	232842.60	32	33	32	48
194	Non-Participating	335419.22	229176.86	32	31	32	48
195	Non-Participating	335025.84	229302.51	34	33	34	48
196	Non-Participating	334981.10	229083.45	32	32	32	48
197	Non-Participating	333923.45	229248.37	33	32	33	48
198	Non-Participating	332822.67	230403.22	41	33	33	57
199	Non-Participating	336321.22	232985.79	37	37	37	47
200	Non-Participating	333525.42	235386.75	30	29	30	44
201	Non-Participating	334095.49	235253.68	34	33	34	47
202	Non-Participating	333769.80	232404.10	37	37	37	48
203	Non-Participating	344516.83	233594.15	34	35	34	48
204	Non-Participating	343744.53	234355.93	42	42	42	48
205	Participating	344029.89	233780.62	39	40	39	48

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
206	Non-Participating	344602.35	233712.48	35	36	35	48
207	Non-Participating	335296.04	235467.48	44	44	44	47
208	Non-Participating	343697.30	234526.86	43	43	43	48
209	Non-Participating	337327.53	236001.35	35	35	35	47
210	Non-Participating	337229.49	236055.82	35	35	35	47
211	Non-Participating	337104.28	236088.28	35	34	35	47
212	Non-Participating	337832.56	236097.90	35	35	36	49
213	Non-Participating	337716.99	236207.28	34	34	35	49
214	Non-Participating	338026.44	235945.98	37	37	37	49
215	Non-Participating	332821.87	232514.92	31	30	31	44
216	Non-Participating	335093.90	230425.80	41	41	41	48
217	Non-Participating	335198.91	230232.82	39	39	39	48
218	Non-Participating	335008.66	230661.24	41	41	41	48
219	Non-Participating	335622.68	229966.54	35	35	35	48
220	Non-Participating	337411.59	231725.22	41	41	41	47
221	Participating	342013.52	235093.05	39	39	39	48
222	Participating	338873.00	232058.55	37	37	37	48
223	Non-Participating	333795.83	229505.84	41	34	35	57
224	Non-Participating	334970.68	229357.17	34	34	34	48
225	Non-Participating	334891.17	229376.02	34	34	34	48
226	Non-Participating	334882.71	229348.13	34	34	34	48
227	Non-Participating	334857.65	229329.64	34	34	34	48
228	Non-Participating	333969.22	229358.27	33	33	33	48
229	Non-Participating	335368.15	229076.42	32	32	32	48
230	Non-Participating	335325.82	229037.26	32	31	32	48
231	Non-Participating	335306.55	229030.72	32	31	32	48
232	Non-Participating	335276.28	229015.03	31	31	31	48
233	Non-Participating	335381.12	229089.12	32	31	32	48
234	Non-Participating	335414.52	229134.43	31	31	31	48
235	Non-Participating	335585.84	229209.17	31	31	31	48
236	Non-Participating	335484.58	229197.64	31	31	31	48
237	Non-Participating	335463.14	229189.99	31	31	31	48
238	Non-Participating	335443.62	229217.77	32	31	32	48
239	Non-Participating	335443.96	229235.63	32	31	32	49
240	Non-Participating	335486.95	229243.90	31	31	31	48
241	Non-Participating	335447.92	229262.09	32	31	32	48
242	Non-Participating	335442.96	229286.23	32	31	32	48
243	Non-Participating	335431.06	229309.38	32	32	32	48
244	Non-Participating	335425.43	229336.50	32	32	32	50
245	Non-Participating	335414.52	229358.66	32	32	32	48
246	Non-Participating	335408.57	229381.48	32	32	32	48
247	Non-Participating	335445.94	229401.00	32	32	32	48
248	Non-Participating	335399.24	229408.04	33	32	33	48
249	Non-Participating	335387.44	229457.32	33	33	33	48
250	Non-Participating	335201.53	229457.55	34	34	34	48
251	Non-Participating	335198.55	229438.70	34	34	34	48
252	Non-Participating	335189.95	229407.94	34	33	34	48
253	Non-Participating	335187.64	229343.45	33	33	33	48
254	Non-Participating	335181.03	229317.65	33	33	33	48
255	Non-Participating	335181.03	229297.48	33	33	33	48
256	Non-Participating	335153.24	229342.46	34	33	34	48
257	Non-Participating	335132.08	229473.43	34	34	34	48
258	Non-Participating	335137.37	229451.60	34	34	34	48
259	Non-Participating	335125.79	229403.64	34	34	34	48
260	Non-Participating	335101.98	229412.24	34	34	34	48
261	Non-Participating	335093.71	229465.16	35	34	35	48
262	Non-Participating	335096.03	229370.57	34	34	34	48
263	Participating	336458.19	233835.69	42	42	42	47
264	Non-Participating	336925.47	233356.50	40	40	40	47
265	Participating	335594.53	231977.29	37	36	37	49
266	Participating	335581.27	231815.28	37	37	37	48
267	Participating	335600.26	231705.96	37	37	37	48

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
268	Participating	334575.26	231537.14	47	47	47	48
269	Non-Participating	334981.61	229433.51	35	35	35	48
271	Non-Participating	335059.75	229472.58	35	35	35	48
272	Non-Participating	335050.02	229330.04	34	33	34	48
273	Non-Participating	335058.44	229312.88	34	33	34	48
274	Non-Participating	334991.91	229284.75	34	33	34	48
275	Non-Participating	334920.32	229255.01	34	33	34	48
276	Non-Participating	334914.58	229323.11	34	34	34	48
277	Non-Participating	335011.36	229183.68	33	32	33	48
278	Non-Participating	334992.01	229180.10	33	33	33	48
279	Non-Participating	334974.44	229182.25	33	33	33	48
280	Non-Participating	334992.36	229217.02	33	33	33	48
281	Non-Participating	335019.96	229224.19	33	33	33	48
282	Non-Participating	335079.46	229207.34	33	32	33	48
283	Non-Participating	335116.38	229263.25	33	33	33	48
284	Non-Participating	335073.45	229251.31	33	33	33	48
285	Non-Participating	335069.77	229292.06	33	33	33	48
286	Non-Participating	335139.17	229215.50	33	32	33	48
287	Non-Participating	335342.55	229049.63	32	31	32	48
288	Non-Participating	335293.45	229014.86	31	31	31	48
289	Non-Participating	337610.78	232421.85	35	35	35	47
290	Participating	336940.17	233497.06	41	41	41	47
291	Non-Participating	338860.88	230343.97	33	33	33	48
292	Non-Participating	338925.12	230244.29	33	32	32	48
293	Non-Participating	339141.92	230235.71	31	30	31	48
296	Non-Participating	339239.93	229918.40	30	30	30	47
303	Non-Participating	340627.37	230287.76	28	27	28	47
304	Non-Participating	340531.02	230315.72	28	27	28	47
305	Non-Participating	340588.33	230360.86	28	27	28	47
306	Non-Participating	342938.03	236918.46	33	34	32	48
307	Non-Participating	345406.15	235618.42	28	30	27	48
308	Non-Participating	345292.80	234930.55	33	34	32	48
309	Non-Participating	344892.19	234722.46	36	37	36	48
310	Non-Participating	345045.34	234496.63	35	35	34	48
311	Non-Participating	344972.16	233663.75	34	35	34	48
312	Non-Participating	344897.12	233619.17	35	35	35	48
313	Non-Participating	344874.70	233150.13	33	34	32	48
314	Non-Participating	344979.36	233176.72	33	34	32	48
315	Non-Participating	345486.60	231384.20	31	32	31	48
316	Non-Participating	345626.42	231265.97	30	31	29	49
317	Non-Participating	345594.03	231344.33	30	32	30	49
318	Non-Participating	345623.65	231092.92	30	31	29	49
319	Non-Participating	344448.58	230384.67	30	31	29	48
320	Non-Participating	343732.02	231504.09	38	38	38	48
321	Non-Participating	343807.33	231352.64	37	37	37	48
322	Non-Participating	343778.26	231422.96	37	38	37	48
323	Non-Participating	343747.52	231399.98	37	37	37	48
324	Non-Participating	338745.15	230705.29	35	35	35	48
325	Non-Participating	345327.67	234867.94	33	34	33	49
326	Non-Participating	345361.76	235096.64	32	33	31	48
327	Non-Participating	345486.92	235529.50	29	31	28	48
328	Non-Participating	345508.13	235479.18	30	32	30	48
329	Non-Participating	345488.17	235645.09	28	30	28	49
336	Non-Participating	344283.22	230858.86	33	34	33	48
337	Non-Participating	335063.07	229058.63	32	32	32	48
338	Non-Participating	335076.21	229049.17	32	32	32	48
339	Non-Participating	335105.13	229033.13	32	31	32	48
340	Non-Participating	335118.53	229027.88	32	31	32	48
341	Non-Participating	335141.40	229010.79	32	31	32	48
342	Non-Participating	335133.85	229020.37	32	31	32	48
343	Non-Participating	335158.48	229000.81	32	31	32	48
344	Non-Participating	335161.11	228983.20	32	31	32	48

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
345	Non-Participating	335165.58	228970.58	31	31	31	48
347	Participating	342982.73	232934.90	43	43	43	48
348	Non-Participating	344422.24	235727.15	42	42	42	48
349	Participating	344265.39	235331.48	43	43	43	48
350	Non-Participating	335034.93	229007.57	32	31	32	48
351	Non-Participating	345006.87	233113.24	33	34	32	48
353	Non-Participating	344918.82	234567.99	36	36	35	48
354	Non-Participating	344495.84	233600.35	35	35	34	48
355	Non-Participating	344024.23	233828.84	39	40	39	48
356	Participating	343702.13	234287.71	42	42	42	48
357	Participating	343113.63	234584.82	44	44	44	48
360	Non-Participating	341011.74	234032.89	37	37	37	49
361	Non-Participating	340703.75	234900.99	36	36	36	49
362	Participating	338345.89	233030.41	40	40	40	47
363	Participating	336130.87	234286.29	43	43	43	47
364	Non-Participating	333810.00	229622.00	41	35	36	57
365	Non-Participating	335449.32	229173.95	31	31	31	49
366	Non-Participating	334957.44	229211.36	33	33	33	48
367	Non-Participating	335143.74	229291.99	33	33	33	48
368	Non-Participating	335089.70	229329.51	34	33	34	48
369	Non-Participating	336217.08	229757.63	34	34	34	48
370	Non-Participating	337013.01	229595.84	34	34	34	47
371	Participating	335656.83	231843.96	37	37	37	48
372	Participating	335654.04	231694.20	37	36	37	48
373	Non-Participating	345194.33	232633.78	33	34	33	48
374	Non-Participating	345441.19	235075.17	31	33	31	48
377	Non-Participating	340416.62	230703.35	28	27	28	48
378	Non-Participating	337408.76	236027.93	35	35	35	48
379	Non-Participating	337415.28	236162.68	34	34	34	47
380	Non-Participating	338243.81	235988.41	37	37	38	49
381	Non-Participating	338219.93	235798.87	39	39	40	49
382	Non-Participating	334962.23	229267.84	34	33	34	48
385	Non-Participating	337015.73	236271.48	33	33	33	47
386	Non-Participating	337446.94	236180.49	34	34	35	49
387	Non-Participating	337687.63	236115.76	35	34	35	49
388	Non-Participating	340623.75	234937.34	36	36	37	49
389	Non-Participating	341051.54	234075.51	37	37	37	49
390	Participating	340833.84	233719.46	38	38	39	49
391	Non-Participating	344183.74	230356.78	30	31	29	48
392	Participating	344124.42	235688.44	50	50	50	48
393	Participating	342660.39	232660.56	42	42	42	48
394	Non-Participating	340621.60	234929.14	36	36	37	49
395	Non-Participating	345501.77	235060.08	32	33	32	48
400	Non-Participating	338199.16	232479.56	37	37	37	47
401	Participating	335656.19	231874.96	37	37	37	48
402	Non-Participating	335477.50	229219.02	31	31	31	48
403	Non-Participating	335473.51	229262.07	32	31	32	48
404	Non-Participating	335268.04	228984.41	31	31	31	48
405	Non-Participating	335411.54	229146.82	31	31	31	48
406	Non-Participating	335193.90	229392.40	34	33	34	48
407	Non-Participating	344177.55	232529.49	41	41	41	48
408	Participating	344054.32	233223.52	41	42	41	48
409	Non-Participating	338424.04	236725.09	27	26	30	49
410	Non-Participating	339182.66	236713.13	28	28	31	49
411	Non-Participating	339596.75	236334.92	27	27	30	49
412	Non-Participating	339677.98	236287.76	28	27	31	49
413	Non-Participating	342550.55	236953.57	32	31	33	49
414	Non-Participating	342436.58	237086.18	31	30	32	49
415	Non-Participating	342699.73	237031.77	32	31	33	49
416	Non-Participating	342904.14	237045.50	32	33	32	48
417	Non-Participating	342982.14	237171.00	31	33	31	48
418	Non-Participating	343027.39	237230.08	31	32	31	48

Table G-2A: Long-Term Future Total Sound Levels - Method 1 (Without Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
419	Non-Participating	343238.22	237404.60	30	31	29	48
422	Non-Participating	343226.75	237472.54	30	31	29	48
423	Non-Participating	335373.54	228881.72	31	30	31	48
424	Non-Participating	335399.08	228865.72	31	30	31	48
425	Non-Participating	335580.04	228817.52	30	29	30	48
426	Non-Participating	335503.15	228822.61	30	30	30	48
427	Non-Participating	335319.25	228953.71	31	31	31	48
428	Non-Participating	335284.40	228933.03	31	30	31	48
429	Non-Participating	335223.24	228930.42	32	31	32	48
430	Non-Participating	335245.61	228965.24	31	31	31	48
431	Non-Participating	335257.51	228973.94	31	31	31	48
432	Non-Participating	335237.55	228942.96	31	31	31	48
433	Non-Participating	335259.98	228881.12	31	30	31	48
434	Non-Participating	335174.94	228935.63	31	31	31	48
435	Non-Participating	335455.48	229370.18	32	32	32	48
436	Non-Participating	334845.20	229337.96	34	34	34	48
437	Non-Participating	336810.77	235834.82	36	36	36	47
438	Non-Participating	336415.85	236151.48	34	34	34	47
439	Non-Participating	340963.13	233791.22	38	38	38	49
440	Non-Participating	336163.73	232070.18	36	36	36	48

Notes:

1. ANS-weighted annual daytime ambient L90 sound level logarithmically added to the modeled annual L10 sound level.
2. Addresses stipulation (f) (4).
3. ANS-weighted summer nighttime ambient L90 sound level logarithmically added to the modeled summer nighttime L10 sound level.
4. Addresses stipulation (f) (5).
5. ANS-weighted winter nighttime ambient L90 sound level logarithmically added to the modeled winter nighttime L10 sound level.
6. Addresses stipulation (f) (6).
7. ANS-weighted annual daytime ambient Leq sound level logarithmically added to the modeled annual daytime L50 sound level.
8. Addresses stipulation (f) (9).

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
7	Non-Participating	340619.01	230414.74	28	27	28	47
8	Non-Participating	341206.90	231923.63	35	34	35	48
9	Non-Participating	341121.66	232207.19	36	36	36	48
10	Participating	341079.81	233420.36	38	39	38	48
11	Non-Participating	341049.27	233571.17	38	38	38	48
12	Non-Participating	341006.81	234016.54	37	37	37	49
13	Non-Participating	341016.71	234074.59	37	37	37	49
14	Non-Participating	340968.84	234036.14	37	37	38	49
15	Non-Participating	341076.95	234083.32	37	37	37	49
16	Non-Participating	340879.71	234236.86	37	37	37	49
17	Non-Participating	340742.44	234490.20	37	37	37	49
18	Non-Participating	340657.22	234941.38	36	36	36	49
19	Non-Participating	340588.07	234970.56	36	36	36	49
20	Non-Participating	340638.92	235053.44	35	35	36	49
21	Non-Participating	342005.50	235640.05	37	37	37	49
22	Non-Participating	341872.67	235277.59	37	37	38	49
23	Non-Participating	341934.99	235383.33	37	37	38	49
24	Non-Participating	341721.59	235055.03	37	37	37	49
25	Non-Participating	341578.11	234929.83	36	36	37	49
26	Non-Participating	341682.02	234513.38	37	37	37	48
27	Non-Participating	341476.66	234231.74	37	37	36	48
28	Non-Participating	341713.34	234171.52	37	38	37	48
29	Non-Participating	341851.95	234174.27	38	38	38	48
30	Non-Participating	341855.46	234041.23	38	39	38	48
31	Non-Participating	341824.93	233794.99	40	40	40	48
32	Non-Participating	342012.49	233466.68	43	43	43	49
33	Participating	344177.40	235671.76	48	48	48	51
34	Non-Participating	342654.65	236319.69	36	36	36	48
35	Non-Participating	342599.16	236290.69	36	36	36	48
36	Non-Participating	342784.48	236030.56	39	39	39	48
37	Non-Participating	342658.75	236111.13	37	38	37	48
38	Non-Participating	342520.52	236163.69	36	37	36	48
39	Non-Participating	337948.82	231778.99	37	37	37	48
40	Non-Participating	337786.46	231577.83	39	39	39	48
41	Participating	337895.35	231924.61	36	36	36	48
42	Non-Participating	337793.49	232287.20	36	36	36	47
43	Participating	337831.92	232573.72	36	36	36	47
44	Non-Participating	338058.38	232745.47	37	37	37	47
45	Non-Participating	337913.04	232761.35	37	37	37	47
46	Non-Participating	338154.23	232818.74	38	38	38	47
47	Participating	337895.97	233277.19	40	40	40	48
48	Participating	339078.04	235081.18	44	44	44	50
49	Non-Participating	340323.61	234764.77	37	37	38	49
50	Non-Participating	339469.06	235633.18	37	37	38	49
51	Non-Participating	339271.45	235752.24	38	38	38	49
52	Non-Participating	337029.73	233025.30	37	37	37	47
53	Participating	336928.74	233068.67	38	38	38	47
54	Participating	336675.58	233267.47	39	39	39	47
55	Participating	336836.24	233782.14	43	43	43	48
56	Participating	336425.06	233873.49	42	42	42	48
57	Participating	336486.51	234473.33	43	43	43	48
58	Participating	336340.64	234698.00	44	44	44	48
59	Non-Participating	335666.14	234700.67	42	42	42	48
60	Non-Participating	333999.20	228981.15	31	31	31	48
61	Non-Participating	333755.57	229734.57	41	36	36	57
62	Non-Participating	333847.32	229373.27	33	33	33	48
63	Non-Participating	335138.86	230556.19	40	40	40	48
64	Participating	334906.39	231392.04	42	42	42	49
65	Participating	334754.48	231361.92	43	43	43	49
66	Participating	335066.82	231489.07	41	41	41	48
67	Non-Participating	335776.17	231493.65	37	37	37	48
68	Participating	335690.38	231758.87	37	37	37	48

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
69	Participating	335688.52	231912.75	36	36	36	48
70	Participating	336191.79	231976.63	36	36	36	48
71	Participating	336177.55	232034.57	36	36	36	48
72	Participating	336211.03	232092.03	36	36	36	48
73	Participating	336308.92	232146.29	36	35	35	47
74	Non-Participating	336785.25	232179.98	37	37	37	47
75	Non-Participating	335925.26	229927.91	35	35	35	48
76	Non-Participating	335686.43	229995.80	35	35	35	48
77	Non-Participating	335918.39	229834.92	34	34	34	48
78	Non-Participating	335881.54	229871.20	34	34	34	48
79	Non-Participating	335584.73	230033.94	36	35	36	48
80	Non-Participating	335320.05	230148.41	37	37	37	48
81	Non-Participating	335515.98	230064.52	36	36	36	48
82	Non-Participating	335560.99	230050.90	36	36	36	48
83	Non-Participating	332901.42	231530.67	33	33	33	44
84	Non-Participating	337155.97	229781.81	35	35	35	48
85	Non-Participating	337136.59	229633.36	34	34	34	48
86	Non-Participating	336947.73	229755.79	35	35	35	48
87	Non-Participating	336782.70	229699.82	35	34	35	48
88	Non-Participating	336550.90	229807.21	35	35	35	48
89	Non-Participating	336140.59	229704.67	33	33	33	48
90	Non-Participating	336618.43	230128.16	38	38	38	48
91	Non-Participating	336259.64	230212.38	39	38	39	48
94	Participating	336949.89	230606.28	42	42	42	49
95	Non-Participating	338742.06	230940.07	35	34	35	48
97	Non-Participating	337909.23	231706.50	37	37	37	48
98	Non-Participating	338859.13	230498.68	34	33	34	48
99	Non-Participating	336164.15	234962.10	42	42	42	48
100	Participating	339253.95	230673.50	31	31	31	47
101	Participating	337191.41	232831.80	37	37	37	47
102	Participating	335797.20	231375.53	38	38	38	48
103	Non-Participating	332637.99	231353.47	30	30	30	44
104	Participating	335542.47	231879.12	37	37	37	48
105	Participating	335966.89	231753.98	37	37	37	48
106	Non-Participating	345067.46	233458.47	33	33	32	48
108	Non-Participating	344870.69	233176.87	32	33	31	48
109	Non-Participating	334203.96	234687.99	35	35	35	47
110	Non-Participating	344977.78	234726.38	35	36	35	48
111	Participating	334574.05	234626.42	39	39	39	47
112	Non-Participating	334950.38	234608.63	43	43	43	48
113	Non-Participating	334353.04	234690.06	36	36	36	47
114	Non-Participating	344987.88	232865.77	33	34	32	48
115	Non-Participating	338632.36	232751.57	41	41	41	48
116	Participating	335494.72	234613.35	44	44	44	48
117	Participating	335142.48	234743.07	44	44	44	49
118	Non-Participating	335584.82	234635.80	43	43	43	48
120	Non-Participating	339482.91	234868.46	42	42	42	49
121	Non-Participating	339638.33	234862.63	41	41	42	49
122	Non-Participating	334624.66	234761.27	39	39	39	47
123	Non-Participating	339736.51	234867.53	41	41	41	49
124	Non-Participating	340007.16	234908.55	39	39	39	49
125	Non-Participating	340993.89	234167.74	37	37	37	49
126	Non-Participating	340445.02	234817.50	37	37	38	49
127	Non-Participating	340575.54	235607.14	33	33	34	49
128	Non-Participating	342733.56	236815.89	33	33	34	49
129	Non-Participating	345549.53	231489.59	31	32	31	48
130	Non-Participating	345584.55	231404.78	31	32	30	48
131	Non-Participating	345777.42	231603.52	30	32	30	48
132	Participating	343696.12	234679.31	43	44	43	49
133	Non-Participating	343494.66	234880.42	44	44	44	49
134	Participating	343576.49	234704.89	43	43	43	49
138	Participating	343275.28	234590.37	44	44	44	49

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
139	Participating	342974.92	234623.28	43	43	43	49
141	Participating	342664.93	234395.97	42	43	42	49
144	Non-Participating	341897.78	235318.44	37	37	38	49
147	Non-Participating	340809.21	230238.36	28	27	28	47
148	Non-Participating	341407.60	231202.37	31	31	31	47
149	Participating	341152.14	232004.80	35	35	35	48
150	Non-Participating	340693.19	230535.73	28	27	28	47
151	Non-Participating	341369.51	232973.70	38	38	38	48
152	Non-Participating	340979.59	233862.74	37	37	38	49
153	Non-Participating	341622.77	234658.38	36	37	36	48
154	Non-Participating	341066.41	233017.48	39	39	39	48
155	Non-Participating	344029.65	236165.66	42	42	42	49
156	Non-Participating	340482.25	235539.69	33	33	34	49
157	Non-Participating	341100.85	233545.46	38	38	38	48
158	Non-Participating	341305.07	231905.58	35	35	35	48
159	Non-Participating	340812.42	230544.35	29	27	28	47
160	Non-Participating	344541.82	230365.07	30	31	29	48
161	Non-Participating	344255.60	230516.44	31	32	30	48
162	Non-Participating	344372.76	230484.95	30	32	30	48
163	Non-Participating	344320.07	230668.28	31	33	31	48
164	Non-Participating	344140.90	231025.41	34	35	34	48
165	Non-Participating	344075.91	230472.46	30	32	30	48
166	Participating	342332.55	232929.63	43	43	43	49
167	Participating	342671.36	232690.59	42	42	42	49
168	Participating	342938.87	232793.74	42	42	42	49
169	Participating	342808.80	232783.79	42	42	42	49
170	Non-Participating	343477.72	231817.82	38	39	38	48
171	Non-Participating	343202.37	232031.90	39	39	39	48
172	Non-Participating	343761.03	231354.62	36	37	36	48
173	Non-Participating	345188.05	231964.06	35	35	34	48
174	Non-Participating	339852.67	231417.16	32	32	32	48
175	Non-Participating	345180.52	231808.74	34	35	34	48
176	Non-Participating	339966.86	231346.11	32	31	32	48
177	Non-Participating	345413.96	231818.19	33	33	32	48
178	Non-Participating	345012.80	232439.17	34	35	34	48
179	Non-Participating	340385.40	231185.05	31	30	31	47
180	Non-Participating	342956.89	232633.22	42	42	42	49
181	Non-Participating	339045.58	235889.18	38	38	38	49
182	Non-Participating	342898.74	236978.73	33	33	32	48
183	Participating	338505.60	235812.05	41	41	41	49
184	Participating	343055.87	233185.69	44	44	44	49
185	Non-Participating	339315.79	235711.42	38	38	38	49
186	Non-Participating	343327.72	237147.27	30	31	29	48
187	Non-Participating	339353.98	235681.81	38	38	38	49
188	Non-Participating	339623.53	235375.44	38	38	38	49
189	Non-Participating	345705.71	232523.62	31	32	30	48
190	Non-Participating	345115.72	232546.57	33	34	33	48
191	Non-Participating	345125.98	232273.64	34	35	34	48
192	Non-Participating	345050.58	233066.89	32	33	32	48
193	Non-Participating	345123.85	232842.60	32	33	32	48
194	Non-Participating	335419.22	229176.86	32	31	32	48
195	Non-Participating	335025.84	229302.51	34	33	34	48
196	Non-Participating	334981.10	229083.45	32	32	32	48
197	Non-Participating	333923.45	229248.37	33	32	33	48
198	Non-Participating	332822.67	230403.22	41	33	33	57
199	Non-Participating	336321.22	232985.79	37	37	37	47
200	Non-Participating	333525.42	235386.75	30	29	30	44
201	Non-Participating	334095.49	235253.68	34	33	34	47
202	Non-Participating	333769.80	232404.10	37	37	37	48
203	Non-Participating	344516.83	233594.15	34	35	34	48
204	Non-Participating	343744.53	234355.93	42	42	42	49
205	Participating	344029.89	233780.62	39	40	39	48

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
206	Non-Participating	344602.35	233712.48	35	36	35	48
207	Non-Participating	335296.04	235467.48	44	44	44	48
208	Non-Participating	343697.30	234526.86	43	43	43	49
209	Non-Participating	337327.53	236001.35	35	35	35	47
210	Non-Participating	337229.49	236055.82	35	35	35	47
211	Non-Participating	337104.28	236088.28	35	34	35	47
212	Non-Participating	337832.56	236097.90	35	35	36	49
213	Non-Participating	337716.99	236207.28	34	34	35	49
214	Non-Participating	338026.44	235945.98	37	37	37	49
215	Non-Participating	332821.87	232514.92	31	30	31	44
216	Non-Participating	335093.90	230425.80	41	41	41	48
217	Non-Participating	335198.91	230232.82	39	39	39	48
218	Non-Participating	335008.66	230661.24	41	41	41	48
219	Non-Participating	335622.68	229966.54	35	35	35	48
220	Non-Participating	337411.59	231725.22	41	41	41	48
221	Participating	342013.52	235093.05	39	39	39	48
222	Participating	338873.00	232058.55	37	37	37	48
223	Non-Participating	333795.83	229505.84	41	34	35	57
224	Non-Participating	334970.68	229357.17	34	34	34	48
225	Non-Participating	334891.17	229376.02	34	34	34	48
226	Non-Participating	334882.71	229348.13	34	34	34	48
227	Non-Participating	334857.65	229329.64	34	34	34	48
228	Non-Participating	333969.22	229358.27	33	33	33	48
229	Non-Participating	335368.15	229076.42	32	32	32	48
230	Non-Participating	335325.82	229037.26	32	31	32	48
231	Non-Participating	335306.55	229030.72	32	31	32	48
232	Non-Participating	335276.28	229015.03	31	31	31	48
233	Non-Participating	335381.12	229089.12	32	31	32	48
234	Non-Participating	335414.52	229134.43	31	31	31	48
235	Non-Participating	335585.84	229209.17	31	31	31	48
236	Non-Participating	335484.58	229197.64	31	31	31	48
237	Non-Participating	335463.14	229189.99	31	31	31	48
238	Non-Participating	335443.62	229217.77	32	31	32	48
239	Non-Participating	335443.96	229235.63	32	31	32	48
240	Non-Participating	335486.95	229243.90	31	31	31	48
241	Non-Participating	335447.92	229262.09	32	31	32	48
242	Non-Participating	335442.96	229286.23	32	31	32	48
243	Non-Participating	335431.06	229309.38	32	32	32	48
244	Non-Participating	335425.43	229336.50	32	32	32	48
245	Non-Participating	335414.52	229358.66	32	32	32	48
246	Non-Participating	335408.57	229381.48	32	32	32	48
247	Non-Participating	335445.94	229401.00	32	32	32	48
248	Non-Participating	335399.24	229408.04	33	32	33	48
249	Non-Participating	335387.44	229457.32	33	33	33	48
250	Non-Participating	335201.53	229457.55	34	34	34	48
251	Non-Participating	335198.55	229438.70	34	34	34	48
252	Non-Participating	335189.95	229407.94	34	33	34	48
253	Non-Participating	335187.64	229343.45	33	33	33	48
254	Non-Participating	335181.03	229317.65	33	33	33	48
255	Non-Participating	335181.03	229297.48	33	33	33	48
256	Non-Participating	335153.24	229342.46	34	33	34	48
257	Non-Participating	335132.08	229473.43	34	34	34	48
258	Non-Participating	335137.37	229451.60	34	34	34	48
259	Non-Participating	335125.79	229403.64	34	34	34	48
260	Non-Participating	335101.98	229412.24	34	34	34	48
261	Non-Participating	335093.71	229465.16	35	34	35	48
262	Non-Participating	335096.03	229370.57	34	34	34	48
263	Participating	336458.19	233835.69	42	42	42	48
264	Non-Participating	336925.47	233356.50	40	40	40	48
265	Participating	335594.53	231977.29	37	36	37	48
266	Participating	335581.27	231815.28	37	37	37	48
267	Participating	335600.26	231705.96	37	37	37	48

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
268	Participating	334575.26	231537.14	47	47	47	50
269	Non-Participating	334981.61	229433.51	35	35	35	48
271	Non-Participating	335059.75	229472.58	35	35	35	48
272	Non-Participating	335050.02	229330.04	34	33	34	48
273	Non-Participating	335058.44	229312.88	34	33	34	48
274	Non-Participating	334991.91	229284.75	34	33	34	48
275	Non-Participating	334920.32	229255.01	34	33	34	48
276	Non-Participating	334914.58	229323.11	34	34	34	48
277	Non-Participating	335011.36	229183.68	33	32	33	48
278	Non-Participating	334992.01	229180.10	33	33	33	48
279	Non-Participating	334974.44	229182.25	33	33	33	48
280	Non-Participating	334992.36	229217.02	33	33	33	48
281	Non-Participating	335019.96	229224.19	33	33	33	48
282	Non-Participating	335079.46	229207.34	33	32	33	48
283	Non-Participating	335116.38	229263.25	33	33	33	48
284	Non-Participating	335073.45	229251.31	33	33	33	48
285	Non-Participating	335069.77	229292.06	33	33	33	48
286	Non-Participating	335139.17	229215.50	33	32	33	48
287	Non-Participating	335342.55	229049.63	32	31	32	48
288	Non-Participating	335293.45	229014.86	31	31	31	48
289	Non-Participating	337610.78	232421.85	35	35	35	47
290	Participating	336940.17	233497.06	41	41	41	48
291	Non-Participating	338860.88	230343.97	33	33	33	48
292	Non-Participating	338925.12	230244.29	33	32	32	48
293	Non-Participating	339141.92	230235.71	31	30	31	47
296	Non-Participating	339239.93	229918.40	30	30	30	47
303	Non-Participating	340627.37	230287.76	28	27	28	47
304	Non-Participating	340531.02	230315.72	28	27	28	47
305	Non-Participating	340588.33	230360.86	28	27	28	47
306	Non-Participating	342938.03	236918.46	33	34	32	48
307	Non-Participating	345406.15	235618.42	28	30	27	48
308	Non-Participating	345292.80	234930.55	33	34	32	48
309	Non-Participating	344892.19	234722.46	36	37	36	48
310	Non-Participating	345045.34	234496.63	35	35	34	48
311	Non-Participating	344972.16	233663.75	34	35	34	48
312	Non-Participating	344897.12	233619.17	35	35	35	48
313	Non-Participating	344874.70	233150.13	33	34	32	48
314	Non-Participating	344979.36	233176.72	33	34	32	48
315	Non-Participating	345486.60	231384.20	31	32	31	48
316	Non-Participating	345626.42	231265.97	30	31	29	48
317	Non-Participating	345594.03	231344.33	30	32	30	48
318	Non-Participating	345623.65	231092.92	30	31	29	48
319	Non-Participating	344448.58	230384.67	30	31	29	48
320	Non-Participating	343732.02	231504.09	38	38	38	48
321	Non-Participating	343807.33	231352.64	37	37	37	48
322	Non-Participating	343778.26	231422.96	37	38	37	48
323	Non-Participating	343747.52	231399.98	37	37	37	48
324	Non-Participating	338745.15	230705.29	35	35	35	48
325	Non-Participating	345327.67	234867.94	33	34	33	48
326	Non-Participating	345361.76	235096.64	32	33	31	48
327	Non-Participating	345486.92	235529.50	29	31	28	48
328	Non-Participating	345508.13	235479.18	30	32	30	48
329	Non-Participating	345488.17	235645.09	28	30	28	48
336	Non-Participating	344283.22	230858.86	33	34	33	48
337	Non-Participating	335063.07	229058.63	32	32	32	48
338	Non-Participating	335076.21	229049.17	32	32	32	48
339	Non-Participating	335105.13	229033.13	32	31	32	48
340	Non-Participating	335118.53	229027.88	32	31	32	48
341	Non-Participating	335141.40	229010.79	32	31	32	48
342	Non-Participating	335133.85	229020.37	32	31	32	48
343	Non-Participating	335158.48	229000.81	32	31	32	48
344	Non-Participating	335161.11	228983.20	32	31	32	48

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
345	Non-Participating	335165.58	228970.58	31	31	31	48
347	Participating	342982.73	232934.90	43	43	43	49
348	Non-Participating	344422.24	235727.15	42	42	42	49
349	Participating	344265.39	235331.48	43	43	43	49
350	Non-Participating	335034.93	229007.57	32	31	32	48
351	Non-Participating	345006.87	233113.24	33	34	32	48
353	Non-Participating	344918.82	234567.99	36	36	35	48
354	Non-Participating	344495.84	233600.35	35	35	34	48
355	Non-Participating	344024.23	233828.84	39	40	39	48
356	Participating	343702.13	234287.71	42	42	42	49
357	Participating	343113.63	234584.82	44	44	44	49
360	Non-Participating	341011.74	234032.89	37	37	37	49
361	Non-Participating	340703.75	234900.99	36	36	36	49
362	Participating	338345.89	233030.41	40	40	40	48
363	Participating	336130.87	234286.29	43	43	43	48
364	Non-Participating	333810.00	229622.00	41	35	36	57
365	Non-Participating	335449.32	229173.95	31	31	31	48
366	Non-Participating	334957.44	229211.36	33	33	33	48
367	Non-Participating	335143.74	229291.99	33	33	33	48
368	Non-Participating	335089.70	229329.51	34	33	34	48
369	Non-Participating	336217.08	229757.63	34	34	34	48
370	Non-Participating	337013.01	229595.84	34	34	34	48
371	Participating	335656.83	231843.96	37	37	37	48
372	Participating	335654.04	231694.20	37	36	37	48
373	Non-Participating	345194.33	232633.78	33	34	33	48
374	Non-Participating	345441.19	235075.17	31	33	31	48
377	Non-Participating	340416.62	230703.35	28	27	28	47
378	Non-Participating	337408.76	236027.93	35	35	35	47
379	Non-Participating	337415.28	236162.68	34	34	34	47
380	Non-Participating	338243.81	235988.41	37	37	38	49
381	Non-Participating	338219.93	235798.87	39	39	40	49
382	Non-Participating	334962.23	229267.84	34	33	34	48
385	Non-Participating	337015.73	236271.48	33	33	33	47
386	Non-Participating	337446.94	236180.49	34	34	35	49
387	Non-Participating	337687.63	236115.76	35	34	35	49
388	Non-Participating	340623.75	234937.34	36	36	37	49
389	Non-Participating	341051.54	234075.51	37	37	37	49
390	Participating	340833.84	233719.46	38	38	39	49
391	Non-Participating	344183.74	230356.78	30	31	29	48
392	Participating	344124.42	235688.44	50	50	50	52
393	Participating	342660.39	232660.56	42	42	42	49
394	Non-Participating	340621.60	234929.14	36	36	37	49
395	Non-Participating	345501.77	235060.08	32	33	32	48
400	Non-Participating	338199.16	232479.56	37	37	37	47
401	Participating	335656.19	231874.96	37	37	37	48
402	Non-Participating	335477.50	229219.02	31	31	31	48
403	Non-Participating	335473.51	229262.07	32	31	32	48
404	Non-Participating	335268.04	228984.41	31	31	31	48
405	Non-Participating	335411.54	229146.82	31	31	31	48
406	Non-Participating	335193.90	229392.40	34	33	34	48
407	Non-Participating	344177.55	232529.49	41	41	41	48
408	Participating	344054.32	233223.52	41	42	41	49
409	Non-Participating	338424.04	236725.09	27	26	30	49
410	Non-Participating	339182.66	236713.13	28	28	31	49
411	Non-Participating	339596.75	236334.92	27	27	30	49
412	Non-Participating	339677.98	236287.76	28	27	31	49
413	Non-Participating	342550.55	236953.57	32	31	33	49
414	Non-Participating	342436.58	237086.18	31	30	32	49
415	Non-Participating	342699.73	237031.77	32	31	33	49
416	Non-Participating	342904.14	237045.50	32	33	32	48
417	Non-Participating	342982.14	237171.00	31	33	31	48
418	Non-Participating	343027.39	237230.08	31	32	31	48

Table G-2B: Long-Term Future Total Sound Levels - Method 2 (With Zeros)

Modeling Receptor ID	Participation Status	Coordinates NAD83 NY State Plane Central		Worst Case Future Daytime Noise Level [1,2] (dBA)	Worst Case Future Summer Nighttime Noise Level [3,4] (dBA)	Worst Case Future Winter Nighttime Noise Level [5,6] (dBA)	Typical Project Daytime Noise Level [7,8] (dBA)
		X (m)	Y (m)				
419	Non-Participating	343238.22	237404.60	30	31	29	48
422	Non-Participating	343226.75	237472.54	30	31	29	48
423	Non-Participating	335373.54	228881.72	31	30	31	48
424	Non-Participating	335399.08	228865.72	31	30	31	48
425	Non-Participating	335580.04	228817.52	30	29	30	48
426	Non-Participating	335503.15	228822.61	30	30	30	48
427	Non-Participating	335319.25	228953.71	31	31	31	48
428	Non-Participating	335284.40	228933.03	31	30	31	48
429	Non-Participating	335223.24	228930.42	32	31	32	48
430	Non-Participating	335245.61	228965.24	31	31	31	48
431	Non-Participating	335257.51	228973.94	31	31	31	48
432	Non-Participating	335237.55	228942.96	31	31	31	48
433	Non-Participating	335259.98	228881.12	31	30	31	48
434	Non-Participating	335174.94	228935.63	31	31	31	48
435	Non-Participating	335455.48	229370.18	32	32	32	48
436	Non-Participating	334845.20	229337.96	34	34	34	48
437	Non-Participating	336810.77	235834.82	36	36	36	47
438	Non-Participating	336415.85	236151.48	34	34	34	47
439	Non-Participating	340963.13	233791.22	38	38	38	49
440	Non-Participating	336163.73	232070.18	36	36	36	48

Notes:

1. ANS-weighted annual daytime ambient L90 sound level logarithmically added to the modeled annual L10 sound level.
2. Addresses stipulation (f) (4).
3. ANS-weighted summer nighttime ambient L90 sound level logarithmically added to the modeled summer nighttime L10 sound level.
4. Addresses stipulation (f) (5).
5. ANS-weighted winter nighttime ambient L90 sound level logarithmically added to the modeled winter nighttime L10 sound level.
6. Addresses stipulation (f) (6).
7. ANS-weighted annual daytime ambient Leq sound level logarithmically added to the modeled annual daytime L50 sound level.
8. Addresses stipulation (f) (9).

Appendix H
Glossary of Terms

This section includes some of the terms used throughout the report which may require a more detailed explanation.

Amplitude modulation	Amplitude modulation is a recurring variation in the overall level of sound over time. The modulation sound is typically broadband, and it comes from interactions of the blade with the atmosphere, wind turbulence, directionality of the broadband sound of the blades, or tower interaction with the wake of the blade. This modulation is not infrasound; rather, it is variation in audible sound that is synchronized to the passage of the turbine blades.
ANS-weighted	A high-frequency natural sound (HFNS) filter applied to the measured one-third octave-band data to remove seasonal noise like insects. This technique removes all sound energy above the 1,250 Hertz frequency band. The methodology for the filtration process is specified in ANSI/ASA S12.100-2014 and the sound pressure levels presented using this methodology are indicated as ANS-weighted levels (presented in dBA).
Blade passage frequency	(RPM x Number of blades)/60 seconds per minute
G	The portion of ground that is considered porous as defined under ISO 9613-2. This is used as part of the ground attenuation calculation between the source and receiver. For example, a G-factor of 0.5 corresponds to "mixed ground" consisting of half hard and half porous ground cover. A G-factor of zero (0) corresponds to "hard ground" consisting of surfaces with low porosity including water, and a G of 1 represents all porous ground.
Intensity (Loudness)	Sound intensity is a measure of how much energy or power is transmitted. Humans do not perceive increases in sound level (loudness) in a linear manner. For this reason, sound levels are quantified in terms of a logarithmic ratio between the sound pressure of a given noise and the minimum sound pressure discernable by the human ear. This ratio is called the sound pressure level (L_p) and is always reported on a decibel (dB) scale. The logarithmic dB scale accommodates the wide range of sound intensities found in the environment. For example, 0 dB is the minimum discernable sound pressure at 2.9×10^{-9}

lbs/in^2, while 140 dB is the threshold of pain at 0.029 psi. The ratio of the two sound pressures is 10,000,000, but there is only a 140-dB difference when using the logarithmic scale.

Infrasound — Sound in the frequencies below 20 Hz.

ISO 9613-2 — An international standard which specifies an engineering method for calculating the attenuation of sound during outdoor propagation in order to predict the levels of environmental noise at a distance from a variety of sources. The method predicts the equivalent continuous A-weighted sound level under meteorological conditions favorable to propagation from sources of known sound emission, and is used throughout the United States and the world.

L_{eq} — The equivalent sound level, is the level of a hypothetical steady sound that would have the same energy (*i.e.,* the same time-averaged mean square sound pressure) as the actual fluctuating sound observed. The equivalent level is designated L_{eq} and is also A-weighted. The equivalent level represents the time average of the fluctuating sound pressure, but because sound is represented on a logarithmic scale and the averaging is done with linear mean square sound pressure values, the L_{eq} is mostly determined by occasional loud noises.

L_n — Or nth percentile, is the sound level exceeded "n" percent of the time during a measurement period. For example, if 100 sound levels were measured over a 10-minute period, and were sorted from highest to lowest, the L_{90} would be the 90th lowest of the 100 values. The L_{90} is close to the lowest sound level observed. It is essentially the same as the residual sound level, which is the sound level observed when there are no obvious nearby intermittent noise sources. The L_{10} is the sound level exceeded only 10 percent of the time. It is the 10th lowest of the 100 samples described above. It is close to the maximum level observed during the measurement period.

LEQ-night-year — The A-weighted long-term average sound level determined over all the night periods of a year; in which the night is eight hours (23:00 to 07:00 local time). Thus, the LEQ-night-year is an annual average (365 nights).

L_{max} — The maximum sound level over a given time period. The L_{max} is typically due to discrete, identifiable events such as an airplane overflight, car or truck pass by, or a dog bark for example.

L_{DN} the day-night average sound level, sometimes abbreviated as DNL, presented in dBA. The DNL is the 24-hour average sound level obtained by the logarithmic average of the average daytime sound level (L_D) and the average nighttime sound level (L_N) that incorporates a 10-decibel "penalty" to each nighttime-hour sound level. This penalty accounts for the greater sensitivity to sound events during nighttime hours. The L_D and L_N are both calculated using hourly equivalent sound levels ($L_{eq(h)}$). The Environmental Protection Agency defines daytime as the 15 hours from 7:00 AM-10:00 PM and nighttime as the 9 hours from 10:00 PM-7:00 AM.

Low frequency Sound contained in the frequencies from 20 Hz to 200 Hz.

Octave bands The International Standards Organization (ISO) has agreed upon "preferred" frequency bands for sound measurement and by agreement the octave band is the widest band for frequency analysis. The upper frequency limit of the octave band is approximately twice the lower frequency limit and each band is identified by its geometric mean called the band centre frequency. The octave band centre frequencies typically used for sound level analyses are 31.5, 63, 125, 250, 500, 1000, 2000, 4000, and 8000 Hz. When more detailed information about a noise is required, standardized one-third octave band analysis may be used.

Turbulence Intensity The turbulence intensity is calculated as the average of the ratio of standard deviation of wind speed divided by the average wind speed over a given time period at a certain height.

Wind shear Wind shear is the change of wind speed as a function of height above ground.

Weighting The sound level meter used to measure noise is a standardized instrument.[79] It contains "weighting networks" to adjust the frequency response of the instrument to approximate that of the human ear under various conditions. One network is the A-weighting network, which most closely approximates how the human ear responds to sound as a function of frequency, and is the accepted scale used for community sound level measurements. Sounds are frequently reported as detected with the A-weighting

[79] *American National Standard Specification for Sound Level Meters*, ANSI S1.4-1983, published by the Standards Secretariat of the Acoustical Society of America, Melville, NY.

network of the sound level meter in dBA. A-weighted sound levels emphasize middle frequencies (i.e., middle pitched—around 1,000 Hertz sounds), and de-emphasize lower and higher frequencies. The C-weighting network has a nearly flat response for frequencies between 63 Hz and 4000 Hz and is noted as dBC. These are shown graphically below.