CNY Raceway Park, Hastings NY

Final EIS

APPENDIX M

UPDATED NOISE AND AIR QUALITY INFORMATION

SOUND LEVEL ASSESSMENT REPORT

Central New York Raceway Park Project
Hastings, NY

Prepared for:

CHA
441 South Salina Street
Syracuse, NY 13202-4712

Prepared by:

Epsilon Associates, Inc.
3 Clock Tower Place, Suite 250
Maynard, MA01754

November 20, 2013
Revised May 9, 2014

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

LIST OF TABLES

1.0 INTRODUCTION AND SUMMARY

Central New York Raceway Park, Inc. (CNYRP) is proposing to construct a racetrack facility in the town of Hastings, Oswego County, New York. The proposed CNYRP (the Project), located on a 140 acre site between Route 11 and I-81, will consist of a one-half mile oval dirt racing track, a 2-mile paved road racing course, viewing for 7,250 spectators, concessions, and a restaurant. This sound level assessment conducted by Epsilon Associates, Inc. (Epsilon) included a baseline sound-monitoring program to measure existing ambient sound levels in the vicinity of the project, computer modeling to predict future sound levels when the raceway is operational, and a comparison of predicted sound levels with applicable noise criteria.

Sound level impacts associated with CNYRP events are predicted to be significantly lower than those from the nearby Brewerton Speedway and comply with relevant New York State Department of Environmental Conservation (NYSDEC) guidelines at all sensitive residential receptors during racing hours.

2.0 SOUND METRICS

There are several ways in which sound (noise) levels are measured and quantified, all of which use the logarithmic decibel (dB) scale to accommodate the wide range of sound intensities found in the environment. An interesting property of the logarithmic scale is that the sound pressure levels of two distinct sounds are not directly additive. For example, if a sound of 50 dB is added to another sound of 50 dB, the total sound level is only a three-decibel increase (to 53 dB), not a doubling to 100 dB. Thus, every three dB change in sound level represents a doubling or halving of sound energy. A change in sound level of less than three dB is generally considered imperceptible to the human ear.

Another property of the decibel scale is that if one source of noise is 10 dB (or more) louder than another source, then the quieter source does not contribute significantly to the overall sound level which remains the same as that of the louder source. For example, a source of sound at 60 dB plus another source of sound at 47 dB is simply 60 dB.

The sound level meter used to measure noise is a standardized instrument.[1] 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 (there are also B- and C-weighting networks). The A-weighted scale (dBA) most closely approximates how the human ear responds to sound at various frequencies, and is typically used for community sound level measurements. Sounds are frequently reported as detected with the A-weighting network of the sound level meter. A-weighted sound levels emphasize the middle frequency (*i.e.,* middle pitched – around 1,000 Hertz sounds), and de-emphasize lower and higher frequency sounds. A-weighted sound levels are reported in decibels designated as "dBA." For reference, sound pressure levels for some common indoor and outdoor environments are shown in Figure 2-1.

Two methods exist for describing sounds in our environment that vary with time: these are exceedance levels and the equivalent level, both of which are derived from a large number of moment-to-moment A-weighted sound level measurements. Several sound level metrics that are commonly reported in community noise monitoring are described below.

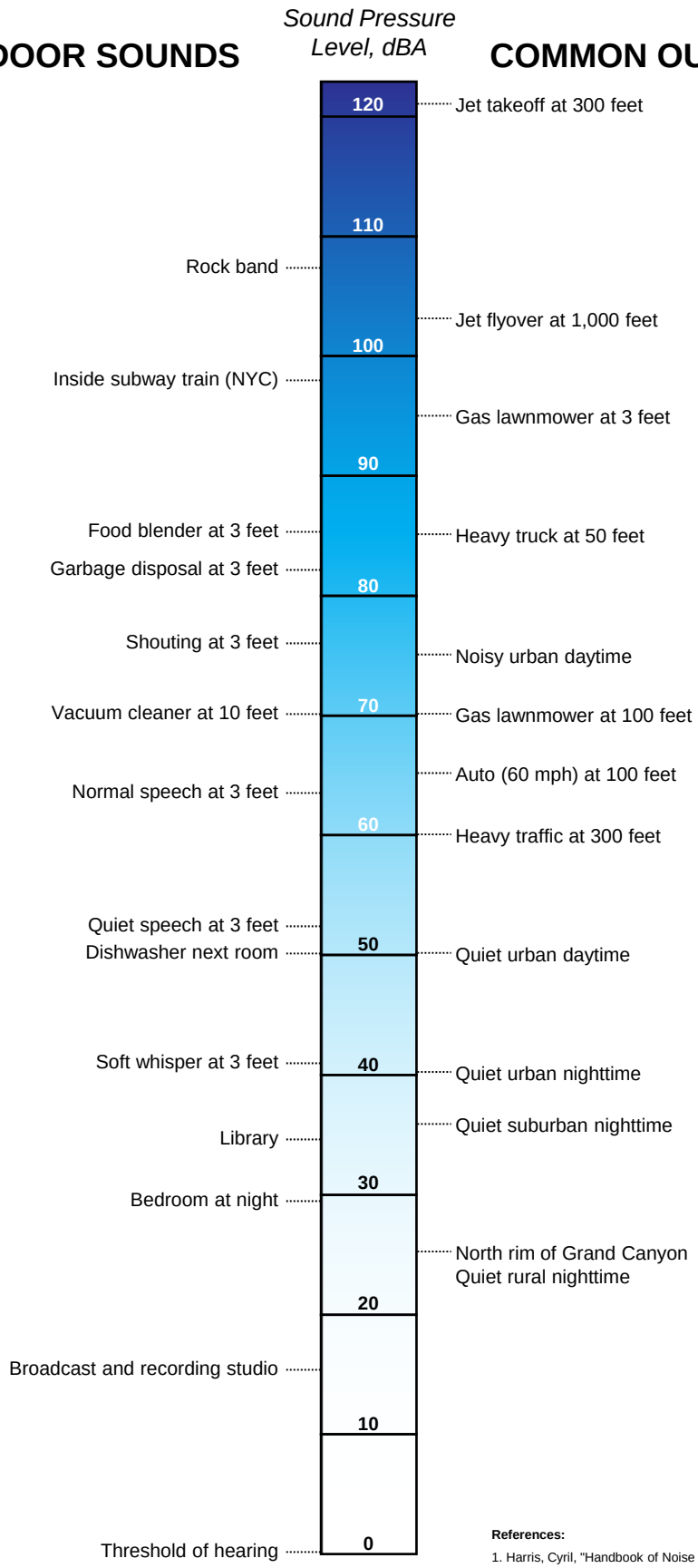
- Exceedance levels, designated L_n, where n can have a value of 0 to 100 percent, are values from the cumulative amplitude distribution of all of the sound levels observed during a measurement period. L_{90} is the sound level in dBA exceeded 90 percent of the time during the measurement period and is close to the lowest sound level observed. It is essentially the residual sound level when there are no obvious nearby intermittent noise sources.

---

1 *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.

- L_{eq}, the equivalent 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.

In short, by using various noise metrics it is possible to separate prevailing, steady sounds (the L_{90}) from occasional, louder sounds (L_{10}) in the noise environment or combined equivalent levels (L_{eq}). This analysis of sounds expected from the proposed Project treats all noises as though they will be steady and continuous.



References:

1. Harris, Cyril, "Handbook of Noise Acoustical Measurements and Noise Control", p 1-10., 1998
2. "Controlling Noise", USAF, AFMC, AFDTC, Elgin AFB, Fact Sheet, August 1996
3. California Dept. of Trans., "Technical Noise Supplement", Oct, 1998

Epsilon ASSOCIATES INC.

Figure 2-1

Common Indoor and Outdoor Sound Levels

3.0 NOISE REGULATIONS

Noise is officially defined as "unwanted sound". The principal feature of this definition is that there must be sound energy and that there must be someone hearing it who considers it unwanted. Noise impact is judged on two bases: the extent to which governmental regulations or guidelines may be exceeded, and the extent to which it is estimated that people may be annoyed or otherwise adversely affected by the sound. Regulatory authority for assessing and controlling noise is contained in both the State Environmental Quality Review Act (SEQRA) and specific Department program policy documents. Specific regulatory references are discussed below.

3.1 Federal Regulations

Epsilon is not aware of any federal noise regulations applicable to these race tracks.

3.2 New York State Regulations

Noise is an aspect of the environment under SEQRA (see 6 NYCRR 617.2(1)), and a substantial adverse change in existing noise levels can be (if not mitigated to the maximum extent practicable) among the indicators of significant adverse impacts on the environment.

3.3 Local Regulations

Epsilon is not aware of any applicable county or municipal noise standards relating to race tracks.

3.4 Community Response to Change in Sound Levels

The NYS DEC has published a guidance document for assessing noise impacts (NYS DEC, 2001). The guidance document states that the addition of any noise source, in a non-industrial setting, should not raise the ambient noise level above a maximum of 65 dBA.

This guidance document also states that L_{eq} sound level increases from 0-3 dBA should have no appreciable effect on receptors, increases from 3-6 dBA may have potential for adverse noise impact only in cases where the most sensitive of receptors are present, and increases of more than 6 dBA may require a closer analysis of impact potential depending on existing sound levels and the character of surrounding land use and receptors. An increase in L_{eq} of 10 dBA deserves consideration of avoidance and mitigation measures in most cases.

The typical ability of an individual to perceive changes in noise levels is summarized in Table 3-1. These guidelines allow direct estimation of an individual's probable perception of a change in community noise levels.

Table 3-1 Thresholds for L_{eq} Sound Pressure Level Increases

Increase in Sound Pressure (dBA)	Reaction
0-3	No appreciable effect
3-6	Potential effect for sensitive receptors
Over 6	Closer analysis required

Source: NYS DEC, "Assessing and Mitigating Noise Impacts", Division of Environmental Permits, February 2, 2001.

3.5 NYSDOT Environmental Procedures Manual

A general guideline applicable to construction noise in New York can be found in Section 4.4.18.5.5 of the New York State Department of Transportation (NYSDOT) Environmental Procedures Manual, which states that "a construction noise impact will not normally occur at levels under Leq = 80 dBA." While this reference relates primarily to transportation projects, the recommended 80 dBA noise limit may be used for guidance with regard to race track construction.

4.0 EXISTING SOUND LEVELS

4.1 Overview

The Central New York Raceway Park, located in the town of Hastings, Oswego County, New York, will consist of a one-half mile oval dirt racing track, a 2-mile paved road racing course, a go-kart track, viewing for 7,250 spectators, concessions, and a restaurant. The 140 acre site lies between Route 11 and I-81. Figure 4-1 shows the extent of the Project.

4.2 Ambient Sound Level Environment

An ambient sound level survey was conducted to characterize the existing acoustical environment in the vicinity of the Project. Current noise sources include: traffic on local roads and Interstate 81, Brewerton Speedway races, insects, birds, and rustling vegetation.

4.3 Ambient Sound Level Measurement Locations

The selection of the sound monitoring locations was intended to include locations representative of nearby residences in various directions around the race park. The monitoring locations were reviewed and agreed upon in advance of the testing by the Town Engineer - Mr. John Donohue, Barton and Loguidice, and Epsilon Associates, Inc.

An aerial photograph of the Project site is shown in Figure 4-1, identifying the project property line, nearby roads, and the sound measurement locations. The coordinates listed in Table 4-1 for the actual sound level measurement locations described below were obtained by Epsilon staff in the field using a Global Positioning System (GPS) instrument with an accuracy of approximately three meters. All distances shown are rounded to the nearest 10 feet.

- **Location L1 –**Southeast corner of property (Dewey Dr. Residents)

  Continuous broadband sound level data were collected at this location, approximately 310 feet west of I-81 at the southeast property corner, representative of the setback for the closest residences along the east side of I-81 and southeast of the Project along Dewey Drive.

- **Location L2 –**Eastern side of property (Swamp Rd. Residents)

  Continuous 1/3 octave-band and broadband sound level data were collected at this location, approximately 400 feet west of I-81, representative of the setback for the residences further east of I-81along Swamp Road.

- **Location L3 –** Southwest corner of property (South Rt. 11 Residents)

  Continuous 1/3 octave-band and broadband sound level data were collected at this location, approximately 530 feet east of Route 11 and 660 feet north of Brewerton Speedway, representative of residences southwest of the Project along Route 11.

- **Location L4 –** Northwest corner of property (North Rt. 11 Residents)

  Continuous 1/3 octave-band and broadband sound level data were collected at this location, approximately 70 feet east of Route 11 at the northwest corner of the Project boundary, representative of residences northwest of the Project along Route 11.

- **Location L5 –** Northern property line (Central Square Middle School)

  Continuous 1/3 octave-band and broadband sound level data were collected at this location, approximately 220 feet south of Central Square Middle School and 1,770 feet to the west of I-81 along the northern Project property line, representative of the Central Square Middle School.

- **Location L6 –**Northern property line (Athletic Fields)

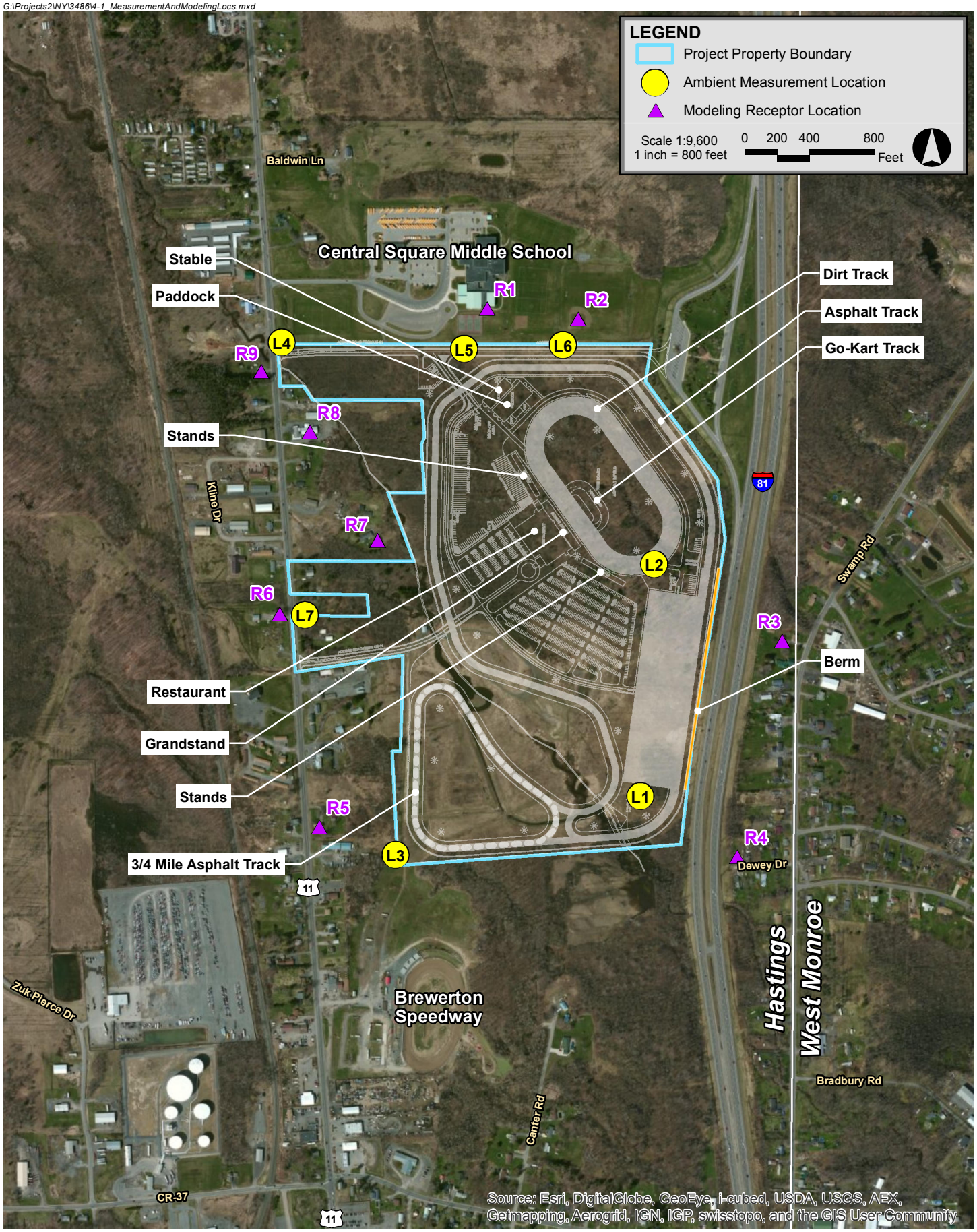
  Continuous broadband sound level data were collected at this location, approximately 90 feet south of the Central Square Middle School athletic fields and 1,220 feet west of I-81 along the northern Project property line, representative of the athletic fields and their activity.

- **Location L7 –**Western property line (Rt. 11 Residents)

  Continuous broadband sound level data were collected at this location, approximately 60 feet east of Route 11 along the west Project property boundary, representative of the residents to the west of the Project along Route 11 near the main CNYRP site entrance.

Table 4-1 GPS Coordinates – Sound Level Measurement Locations

Measurement Location	Latitude (N)	Longitude (W)
L1 – Southeast corner of property (Dewey Dr. Residents)	43.24907	76.13378
L2 – Eastern side of property (Swamp Rd. Residents)	43.25301	76.13353
L3 – Southwest corner of property (South Rt. 11 Residents)	43.24802	76.13945
L4 – Northwest corner of property (North Rt. 11 Residents)	43.25669	76.14225
L5 – Northern property line (Central Square Middle School)	43.25662	76.13801
L6 – Northern property line (Athletic Fields)	43.25671	76.13572
L7 – Western property line (Rt. 11 Residents/site entrance)	43.25208	76.14162



Central New York Raceway Project Hastings, NY

Epsilon ASSOCIATES INC.

Figure 4-1

Sound Level Measurement & Modeling Locations

4.4 Ambient Sound Measurement Methodology

A comprehensive sound level measurement program was developed to quantify the existing ambient sound levels around the Project. Approximately three full days of ambient sound level measurements were taken from Wednesday, August 21, 2013 to Saturday, August 24, 2013. Continuous broadband sound level measurements were made at all seven locations, and 1/3 octave-band measurements were made at four locations (L2, L3, L4, L5).

Sound levels were measured at a height of approximately five feet above the ground at locations where there were no large reflective surfaces to affect the measured levels. Field personnel checked on the integrity of the equipment during the first day, second day, second night, third day, and final morning of the measurement program.

4.5 Ambient Sound Level Measurement Equipment

Three Larson Davis model 831 integrating sound level meters (Locations L2, L3, L5), three Larson Davis model 820 integrating sound level meters (Locations L1, L6, L7), and one Norsonic model Nor140 integrating sound level meter (Location L4) were used during the field program. All instrumentation met the "Type 1 - Precision" requirements set forth in American National Standards Institute (ANSI) S1.4-1983 (sound level meter standard). The Larson Davis model 831 and Norsonic model Nor140 sound level meters also meet ANSI S1.11-2004 (octave filter standard) for acoustical measuring devices. Each long-term meter was housed in an environmental suitcase, connected to a microphone mounted on a tripod at a height of approximately five feet (1.5 meters) above ground, and fitted with the manufacturer's environmental windscreen.

The measurement equipment was calibrated in the field before and after the surveys with the manufacturer's acoustical calibrator which meets the standards of IEC 942 Class 1L and ANSI S1.40-1984. All calibrations were within $\pm$ 0.5 dB from the most recent calibration. The meters were calibrated and certified as accurate to standards set by the National Institute of Standards and Technology by an independent laboratory within the past 12 months. The Larson Davis 831, Larson Davis 820, and the Norsonic Nor140 measure broadband A-weighted sound levels. The Larson Davis 831 and Norsonic Nor140 also measure one-third octave band sound levels. All instruments have data logging capability and were programmed to log statistical data every one hour for the following parameters: L_1, L_{10}, L_{50}, L_{90}, L_{max}, and L_{eq}.

4.6 Measured Ambient Sound Levels

One-hour sound level data from the continuous ambient measurements are presented in Figures A1and A2 of Appendix A, and a brief description of the measured sound levels and noise sources from each location are provided below. Sound levels collected between the hours of 8AM – 4PM, and 6PM – 11PM, corresponding to the proposed daytime and evening racing periods at CNYRP, are summarized in Tables 4-2 and 4-3, respectively. Data

corresponding to a single one-hour period of significant precipitation between 5PM – 6PM on Thursday, August 22, 2013 has been excluded from the analysis. Data taken during Brewerton Speedway races during 7 PM to 10 PM Friday August 23 have also been excluded. Meteorological data from the National Climatic Data Center recorded at the Syracuse Hancock International Airport during the month of August 2013 can be found in Appendix B.

4.6.1 Location L1 – Southeast corner of property (Dewey Dr. Residents)

Sound levels at this location were influenced by insects and traffic on I-81.The continuous 1-hour steady-state (L_{90}) measurements ranged from 42 to 62 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 54 to 66 dBA.

4.6.2 Location L2 – Eastern side of property (Swamp Rd. Residents)

Sound levels at this location were influenced by insects and traffic on I-81.The continuous 1-hour steady-state (L_{90}) measurements ranged from 47 to 63 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 52 to 66 dBA.

4.6.3 Location L3 – Southwest corner of property (South Rt. 11 Residents)

Sound levels at this location were influenced by I-81 traffic, Route 11 traffic, insects, some birds, occasional construction equipment operation on the CNYRP property (i.e. dumping, loading, etc. of slag [melted steel waste]), and occasional distant dog barks. The spike in sound levels from a race at Brewerton Speedway is evident at this location from 7 PM to 10 PM Friday August 23 in Figure A1. The continuous 1-hour steady-state (L_{90}) measurements ranged from 40 to 54 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 45 to 67 dBA.

4.6.4 Location L4 – Northwest corner of property (North Rt. 11 Residents)

Sound levels at this location were influenced by traffic from Route 11 and insects. The continuous 1-hour steady-state (L_{90}) measurements ranged from 37 to 52 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 47 to 65 dBA.

4.6.5 Location L5 – Northern property line (Central Square Middle School)

Sound levels at this location were influenced by traffic from I-81 and insects. Route 11 traffic noise was inaudible due to the levels of I-81. The school was not in session during the measurement program however personal vehicles were at the facility, presumably faculty. The continuous 1-hour steady-state (L_{90}) measurements ranged from 39 to 54 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 44 to 57 dBA.

4.6.6 **Location L6 –** Northern property line (Athletic Fields)

Sound levels at this location were influenced by traffic from I-81, insects, and some birds. No sport or recreation activity was observed on the athletic fields during the measurement program. The continuous 1-hour steady-state (L_{90}) measurements ranged from 43 to 60 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 45 to 63 dBA.

4.6.7 **Location L7 –** Western property line (Rt. 11 Residents)

Sound levels at this location were influenced by Route 11 traffic, some birds, insects, and occasional construction equipment operation from CNYRP employees. The continuous 1-hour steady-state (L_{90}) measurements ranged from 38 to 54 dBA, while the continuous 1-hour equivalent (L_{eq}) measurements ranged from 48 to 64 dBA.

Table 4-2 Existing Daytime Ambient L_{eq} Sound Levels (8:00 AM - 4:00 PM)

Location	Minimum L_{eq} (dBA)	Maximum L_{eq} (dBA)	Median L_{eq} (dBA)	Average L_{eq} (dBA)	Minimum L_{90} (dBA)	Maximum L_{90} (dBA)	Median L_{90} (dBA)	Average L_{90} (dBA)
L1	56	62	58	58	52	58	55	55
L2	52	61	54	55	48	57	50	51
L3	46	62	51	51	44	50	46	46
L4	60	63	62	61	45	51	48	48
L5	45	55	49	49	42	51	46	46
L6	47	58	52	52	44	55	48	48
L7	61	63	61	61	44	51	47	47

Table 4-3 Existing Evening Ambient L_{eq} Sound Levels (6:00 PM - 11:00 PM); excluding data during Brewerton Racing (August 23, 6:00 PM– 11:00 PM)

Location	Minimum L_{eq} (dBA)	Maximum L_{eq} (dBA)	Median L_{eq} (dBA)	Average L_{eq} (dBA)	Minimum L_{90} (dBA)	Maximum L_{90} (dBA)	Median L_{90} (dBA)	Average L_{90} (dBA)
L1	56	64	60	60	52	59	56	56
L2	52	61	58	57	50	57	56	55
L3	45	54	53	51	40	51	50	47
L4	56	65	59	60	42	50	49	48
L5	44	53	52	50	39	51	49	47
L6	45	59	57	55	43	55	54	52
L7	54	62	59	59	42	51	48	48

5.0 FUTURE CONDITIONS – OPERATIONS

5.1 Modeling Scenarios

This sound level assessment predicts impacts from several raceway park events as requested by the Town of Hastings Codes Officer, Engineer, and Counsel, including the following:

- **Road Circuit Auto Racing,** consisting of Ferrari, Maserati, and Corvette-class vehicles, will occur during daytime hours (8AM – 4PM) primarily along the full 2-mile asphalt track, typically in heats consisting of approximately 15 vehicles.

- **Go-kart Racing** will occur during daytime hours (8AM – 4PM) primarily along the go-kart/sprint bike track in events, typically consisting of approximately 15 vehicles.

- **Drift Racing,** consisting of street-legal 4-cylinder vehicles with '85 dB mufflers', will occur during evening hours (6PM – 11PM) primarily along either the ¾ mile asphalt track or the dirt track, typically in time trials consisting of 2-3 vehicles.

- **Snowmobile Racing** will occur during evening hours (6PM-11PM) primarily along either the ¾ mile asphalt track or the dirt track, typically in heats consisting of approximately 15 snowmobiles.

- **Dirt Track Auto Racing** will occur during evening hours (6PM – 11PM) primarily along the dirt track in heats typically consisting of approximately 15 vehicles. Only 6-8 events of this class will be scheduled per year.

Other events not considered in this analysis include: **Drag racing**, which is not proposed for the CNYRP and **Horse Racing** which is assumed to have sound levels significantly lower than the other events involving internal combustion engines. Although the DEIS Scoping document mentioned **Music Concerts** as a potential event at the CNYRP, they are not under consideration now and therefore not evaluated in this noise study. Additionally, sound levels from the proposed CNYRP public address (PA) system are will be volume-controlled during events to ensure compliance with NYSDEC noise guidelines at all sensitive community receptors. The rail-mounted PA system speakers will be focused directly toward the stands where shielding from structures including the 100 foot tall restaurant tower will provide significant attenuation. Other noise sources from the pit and paddock areas as well as crowd noise and spectator traffic are assumed to be less significant contributors to the overall sound level during racing events and were not included in the analysis. A summary of the modeling scenarios and assumptions are provided below in Table 5-1.

Table 5-1 Summary of Modeling Scenarios

Modeling Scenario	Race Type	Track Type	Typical # Vehicles per Race	Event Period
1	Road Circuit Auto Racing	Full Asphalt Track	15	8AM - 4PM
2	Go-Kart Racing	Go-Kart Track	15	8AM - 4PM
3	Drift Racing	3/4 mile Asphalt Track	3	6PM - 11PM
4	Drift Racing	Dirt Track	3	6PM - 11PM
5	Snowmobile Racing	3/4 mile Asphalt Track	15	6PM - 11PM
6	Snowmobile Racing	Dirt Track	15	6PM - 11PM
7	Dirt Track Auto Racing	Dirt Track	15	6PM - 11PM

Sound impacts associated with the proposed events at CNYRP were predicted using Cadna/A noise calculation software (DataKustik Corporation, 2005). This software, which implements the ISO 9613-2 international standard for sound propagation (Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation), offers a refined set of computations accounting for local topography, ground attenuation, drop-off with distance, barrier shielding, and atmospheric absorption of sound from multiple sound sources. The model was calibrated using ambient and reference field measurements made by Epsilon on-site, and at Brewerton Speedway in August and October, 2013. As per ISO 9613-2, the model assumes favorable conditions for sound propagation, corresponding to a moderate, well-developed ground-based temperature inversion, as might occur on a calm, clear night.

Inputs and significant parameters employed in the model are described below:

- **Project Layout:** The location of the proposed race tracks along with other structures and features considered in the model were provided by CNYRP in a site plan on October 23, 2013.

- **Sensitive Receptors**: Sound levels were evaluated at nine (9) modeling locations, shown in Figure 5-1, representing the closest noise-sensitive receptors surrounding the project. All receptors were modeled with a height of 1.5 meters AGL to mimic the ears of a typical standing observer.

- **Terrain Elevation:** Elevation contours for the modeling domain were directly imported into Cadna/A which allowed for consideration of terrain shielding where appropriate. These contours were generated from elevation information derived from the National Elevation Database (NED) developed by the U.S. Geological Survey.

- **Source Sound Levels & Controls:** Sound power levels for each event, presented in Table 5-3, were derived from measured reference sound pressure levels for each vehicle class or calculated using published data. A summary of the noise control features assumed in this analysis can be found in Section 5.4.

- **Meteorological Conditions:** A temperature of 10ºC (50ºF) and a relative humidity of 70% were assumed in the model to minimize atmospheric attenuation in the 500 Hz and 1 kHz octave-bands where the human ear is most sensitive.

- **Ground Attenuation:** Spectral ground absorption was calculated using a global G-factor of 0.5 to represent a moderately reflective surface, with areas of low ground absorption (G = 0) representing parking lots and other asphalt surfaces as appropriate within the site.

5.2 Equipment and Operating Conditions

Reference sound level data for Road Circuit Auto, Go-Kart, and Drift Racing vehicles provided by CNYRP were based on recent measurements collected at several existing racetracks of vehicles and conditions similar to those proposed for CNYRP. It should be noted that modeling results based on reference data collected through measurements for which Epsilon was not present are subject to greater uncertainty.

Reference sound data for Snowmobile vehicles were obtained from data published in the Noise Control Engineering Journal. The snowmobile reference data included the effect of an exhaust muffler. Reference data for Dirt Track Auto Racing vehicles, (Big Block Modifieds) measured by Epsilon on August 23, 2013 and October 10, 2013 at the Brewerton Speedway in Central Square, NY. L_{eq} sound levels of the stock-muffler DIRTcar Racing™ vehicles proposed for CNYRP, as measured by Epsilon at Brewerton during racing, were approximately 4 dBA quieter than the defectively-muffled "Outlaw Modifieds" which currently race at Brewerton. No "Outlaw Modified" events are proposed for CNYRP. Additionally, measurements of the Road Circuit Auto vehicles provided by CNYRP represent sound levels which do not adhere to the '96 dBA muffler' rule proposed at CNYRP. To account for this, an attenuation of 4 dBA was applied to the input sound power levels included in the model for Scenario 1, assuming a reduction similar to the difference between DIRTcar vehicles and "Outlaw Modifieds." To the extent that tire squeal was present during the measurements, both tire squeal and engine noise were captured in the reference data, and will be used in the future predictive modeling. It was not possible to accurately separate out tire squeal from engine noise in the total sound measurements.

A summary of the reference sound pressure levels obtained through measurement or from published data are provided as-measured in Table 5-2, along with the associated speed, reference distance, and number of vehicles.

Table 5-3 presents a summary of the sound power levels used as input to the model, as calculated from the reference data. These sound power levels assume hemispherical spreading based on the distance from the measurement location to the centerline of the track at the closest point to the meter, and are scaled to the typical number of vehicles proposed for each type of race. The Cadna/A model applied these sound power levels as line sources and applied a correction factor which was determined to obtain agreement between modeled results and measured data at Locations L1 and L3 from Brewerton Raceway on August 23.

Table 5-2 Raw Sound Pressure Level Data by Vehicle Type

				Sound Pressure Level at Reference Distance (dBA)									
Vehicle Type	# Vehicles	Speed (mph)	Ref. Dist (feet)	Broad-Band	31 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
Road Circuit Auto[1]	2	100	135	79	-	-	-	-	-	-	-	-	-
Go-Kart[2]	15	70	150	72	-	-	-	-	-	-	-	-	-
Drift Auto[3]	4	80-100	100	73	-	-	-	-	-	-	-	-	-
Snow-mobile[4]	1	40	50	77	-	59	64	72	71	67	69	63	56
Dirt Track Auto[5]	10	100	100	97	47	65	85	87	92	91	90	84	73

1. Reference sound level data, provided by CNYRP, were measured at Watkins Glen, NY on September 12, 2013 at a distance of 135 feet. Muffler attenuation not included in this table.
2. Reference sound level data, provided by CNYRP, were measured at Cherry Valley Motorsports Park, NY on September 8, 2013 at a distance of 150 feet.
3. Reference sound level data, provided by CNYRP, were measured at Myrtle Beach Speedway, SC on August 20, 2013 at a distance of 100 feet.
4. Reference sound levels were obtained from Hastings, Aaron L., Cynthia Lee, Paul Gerbi, and Gregg G. Fleming. "Development of a tool for modeling snowmobile and snowcoach noise in Yellowstone and Grand Teton National Parks." Noise Control Engineering Journal 58.6 (2010): 591-600.
5. Reference sound level data were measured by Epsilon personnel at Brewerton Speedway, NY on October 10, 2013 at a distance of 100 feet at edge of track.

Table 5-3 Reference Sound Power Levels by Vehicle Type

Vehicle Type	Typical # Vehicles	Reference Sound Power Level (dBA)									
		Broad-Band	31 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
Road Circuit Auto[1]	15	129	-	-	-	-	-	-	-	-	-
Go-Kart[2]	15	114	-	-	-	-	-	-	-	-	-
Drift Auto[3]	3	111	-	-	-	-	-	-	-	-	-
Snowmobile[4]	15	124	-	106	111	119	118	114	116	110	103
Dirt Track Auto[5]	15	138	88	107	126	128	133	132	131	126	115

1. Reference sound level data, provided by CNYRP, were measured at Watkins Glen, NY on September 12, 2013 at a distance of 135 feet. Muffler attenuation not included in this table.
2. Reference sound level data, provided by CNYRP, were measured at Cherry Valley Motorsports Park, NY on September 8, 2013 at a distance of 150 feet.
3. Reference sound level data, provided by CNYRP, were measured at Myrtle Beach Speedway, SC on August 20, 2013 at a distance of 100 feet.
4. Reference sound levels were obtained from Hastings, Aaron L., Cynthia Lee, Paul Gerbi, and Gregg G. Fleming. "Development of a tool for modeling snowmobile and snowcoach noise in Yellowstone and Grand Teton National Parks." Noise Control Engineering Journal 58.6 (2010): 591-600.
5. Reference sound level data were measured by Epsilon personnel at Brewerton Speedway, NY on October 10, 2013 at a distance of 100 feet at edge of track.

5.3 Sound Level Results

A summary of the modeling results representing typical levels for each of the seven scenarios described in Section 5.1 are presented in Tables 5-4 through 5-10 below. Modeled project-only noise levels during each type of race, assumed to be continuous, are provided along with the average measured 1-hour Leq background noise levels at the representative ambient monitoring locations. Tabulated sound level impacts from combined future levels as they compare to the existing ambient are evaluated against the NYDEC guidelines here and discussed in Section 5.4.

Table 5-4 Modeling Results – Scenario 1: Road Circuit Auto Racing (Full Asphalt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	8AM-4PM	49	51	53	4	YES
R2	L6	8AM-4PM	52	55	57	5	YES
R3	L1	8AM-4PM	58	47	59	1	YES
R4	L1	8AM-4PM	58	47	59	1	YES
R5	L7	8AM-4PM	61	46	61	0	YES
R6	L7	8AM-4PM	61	38	61	0	YES
R7	L3	8AM-4PM	51	48	53	2	YES
R8	L7	8AM-4PM	61	33	61	0	YES
R9	L4	8AM-4PM	61	27	61	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-5 Modeling Results – Scenario 2: Go-Kart Racing (Go-Kart Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	8AM-4PM	49	31	49	0	YES
R2	L6	8AM-4PM	52	34	52	0	YES
R3	L1	8AM-4PM	58	30	58	0	YES
R4	L1	8AM-4PM	58	22	58	0	YES
R5	L7	8AM-4PM	61	19	61	0	YES
R6	L7	8AM-4PM	61	13	61	0	YES
R7	L3	8AM-4PM	51	24	51	0	YES
R8	L7	8AM-4PM	61	18	61	0	YES
R9	L4	8AM-4PM	61	14	61	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-6 Modeling Results – Scenario 3: Drift Racing (3/4-Mile Asphalt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	6-11PM	50	17	50	0	YES
R2	L6	6-11PM	55	16	55	0	YES
R3	L1	6-11PM	60	21	60	0	YES
R4	L1	6-11PM	60	26	60	0	YES
R5	L7	6-11PM	59	36	59	0	YES
R6	L7	6-11PM	59	28	59	0	YES
R7	L3	6-11PM	51	20	51	0	YES
R8	L7	6-11PM	59	10	59	0	YES
R9	L4	6-11PM	60	7	60	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-7 Modeling Results – Scenario 4: Drift Racing (Dirt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	6-11PM	50	33	50	0	YES
R2	L6	6-11PM	55	37	55	0	YES
R3	L1	6-11PM	60	30	60	0	YES
R4	L1	6-11PM	60	20	60	0	YES
R5	L7	6-11PM	59	16	59	0	YES
R6	L7	6-11PM	59	11	59	0	YES
R7	L3	6-11PM	51	24	51	0	YES
R8	L7	6-11PM	59	16	59	0	YES
R9	L4	6-11PM	60	11	60	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-8 Modeling Results – Scenario 5: Snowmobile Racing (3/4-Mile Asphalt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	6-11PM	50	35	50	0	YES
R2	L6	6-11PM	55	34	55	0	YES
R3	L1	6-11PM	60	41	60	0	YES
R4	L1	6-11PM	60	50	60	0	YES
R5	L7	6-11PM	59	57	61	2	YES
R6	L7	6-11PM	59	49	59	0	YES
R7	L3	6-11PM	51	42	52	1	YES
R8	L7	6-11PM	59	32	59	0	YES
R9	L4	6-11PM	60	29	60	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-9 Modeling Results – Scenario 6: Snowmobile Racing (Dirt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	6-11PM	50	52	54	4	YES
R2	L6	6-11PM	55	56	59	4	YES
R3	L1	6-11PM	60	49	60	0	YES
R4	L1	6-11PM	60	38	60	0	YES
R5	L7	6-11PM	59	35	59	0	YES
R6	L7	6-11PM	59	32	59	0	YES
R7	L3	6-11PM	51	42	52	1	YES
R8	L7	6-11PM	59	36	59	0	YES
R9	L4	6-11PM	60	32	60	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

Table 5-10 Modeling Results – Scenario 7: Dirt Track Auto Racing (Dirt Track)

Receptor ID	Representative Background ID	Evaluation Period	Measured Background Noise Level	Modeled Project-Only Noise Level	Combined Project + Background Noise Level	Project Impact[1]	Meets NYSDEC Noise Policy?
			dBA	dBA	dBA	dBA	
R1	L5	6-11PM	50	66	66	16	NO
R2	L6	6-11PM	55	71	71	16	NO
R3	L1	6-11PM	60	64	65	5	YES
R4	L1	6-11PM	60	53	61	1	YES
R5	L7	6-11PM	59	49	59	0	YES
R6	L7	6-11PM	59	44	59	0	YES
R7	L3	6-11PM	51	55	57	6	YES
R8	L7	6-11PM	59	48	59	0	YES
R9	L4	6-11PM	60	44	60	0	YES

1. Calculation of increase over background performed using data rounded to nearest whole decibel

5.4 Evaluation of Sound Levels

With the exception of Dirt Track Auto Racing (Scenario 7), the predicted sound levels for each modeling location shown in Tables 5-4 through 5-10 indicate Project compliance with the NYSDEC 65 dBA limit and threshold for sound pressure level increase of '6 dBA above ambient' which would otherwise recommend a "closer analysis of impact potential. "Sound level impacts from Dirt Track Auto Racing, presented in Table 5-10, predict increases above the recommended 6 dBA threshold at locations R1 and R2 representing the Central Square Middle School (CSMS) building and athletic fields, respectively. However, given that all medium to large Dirt Track Auto Racing events will be scheduled during the months of May through October on Saturdays and Sundays when the school will not be in session, the increases at R1 and R2 would not result in any adverse impacts on noise-sensitive receptors.

Information from CSMS personnel indicates that outdoor activities at the playing fields are completed by 6:30 PM Monday through Friday. Community organizations do not use the CSMS fields at all throughout the year. Therefore, there will not be medium or large CNYRP events (Scenario 7 above) occurring at the same time as outdoor activity at the CSMS fields, and thus the predicted increase should not be a noise impact.

At any given location and point in time, sound levels will fluctuate above and below the values presented in this analysis which represent time-averaged sound emissions from multiple vehicles. There will be brief periods, for example, when an individual vehicle passing by a spectator will elevate sound levels, however there will also be times when the very same vehicle will be on the opposite side of the track contributing very little to the

overall sound level. Each transient event is incorporated into the reference sound pressure level data used as input to the model. Additionally, predicted sound levels for each modeling scenario represent average racing conditions and assume a typical number of cars for each race type operating continuously. For reference, a doubling of the number of vehicles would represent only a 3 dBA increase in sound power level, and consequently a 3 dBA increase in the received average sound pressure level.

To provide comparison with the existing Brewerton Speedway facility due south of the proposed CNYRP, ambient sound level data collected within the surrounding project area are presented in Table 5-11 during periods with and without Dirt Track Auto Racing heats observed at Brewerton. Measurement locations L1 and L3 are approximately 700 and 1600 feet from the closest point on the centerline of the Brewerton racetrack, respectively.

Table 5-11 Sound Levels from Existing Brewerton Speedway Racetrack

Measurement Location	Distance to Brewerton[1] (feet)	Operational Sound Level[2] (dBA)	Background Sound Level[3] (dBA)	Brewerton-Only Sound Level[4] (dBA)	Brewerton Impact[5] (dBA)
L3	700	74	61	74	13
L1	1600	66	61	65	5

1. Distance from CNYRP ambient measurement location to the closest point on the centerline of Brewerton track
2. Average LAeq sound levels measured over three Brewerton 'Outlaw Modified' heats on August 23, 2013 (8:47-8:50PM, 8:52-8:55PM, 8:58-9:00PM)
3. Average LAeq background sound levels measured before Brewerton heats on August 23, 2013 (8:41-8:45 PM)
4. Logarithmic difference between measured 'operational' and 'background' LAeq sound levels
5. Arithmetic difference between measured 'operational' and 'background' LAeq sound levels, calculated using values rounded to the nearest whole number decibel.

Sound levels from CNYRP at similar distances are expected to be at least 8 dBA lower than those from Brewerton, accounting only for: (a) differences between the size of the tracks at CNYRP and Brewerton, (b) differences in the number of vehicles measured at Brewerton (24) and proposed at CNYRP (15), and (c) the difference in attenuation between the 'Outlaw' mufflers used at Brewerton and the stock mufflers proposed at CNYRP.

Several additional features incorporated in the design of CNYRP, not present at Brewerton Speedway, provide up to 5 decibels of noise reduction to nearby sensitive receptors, depending on location. These mitigating factors, which were included in the model, are highlighted in Figure 4-1 and listed below:

- Structures to the west, northwest, and southwest of the CNYRP Dirt Track will provide shielding to residential receptors along Route 11, and will include:
    - Stands to the northwest and southwest (26 feet tall)
    - Grandstands to the west (24 feet tall)
    - Restaurant building to the west (60 feet tall)
    - Stable/Paddock buildings to the north (24 feet tall)
- An earthen berm approximately 1,400 feet long and 18 feet tall will be installed along the eastern/southeastern property line adjacent to I-81, providing shielding to residential receptors along Swamp Road.
- The CNYRP Dirt Track is designed with a 3 degree pitch on straights and a 5 degree pitch in turns, providing some terrain shielding, along with an effective 6.5-foot tall barrier at the track's outside edge, measured from the top of the retaining wall to the bottom of the recessed track.
- The CNYRP Asphalt Track will have a 4-foot tall barrier wall along the entire length, 30 feet from both sides
- A 1,200-foot long strip of tall, dense tree cover along the northeast property line will provide modest attenuation to residences northeast of the project along Swamp Road.

The distances from modeling receptors R1 and R8 to CNYRP (740 and 1,370 feet, respectively) are similar to those from measurement locations L3 and L1 to Brewerton Speedway. For comparison, predicted impacts at these receptors, shown in Table 5-10, from CNYRP during Dirt Track Racing events (Scenario 7) are 8 – 18 dBA lower than current impacts from Brewerton at measurement locations L3 and L1, as shown in Table 5-11. These reductions include the effects of all the structures, barriers, and berms proposed for CNYRP.

In summary, sound level impacts from CNYRP are predicted to be significantly lower than those currently experienced from Brewerton Speedway, primarily as a result of the following:

- Barrier walls, buildings, earthen berms, and dense tree cover which provide attenuation.
- Increased setbacks from the majority of sensitive residential receptors
- A 'muffler rule' of 96 dBA at 50 feet required for all vehicles

6.0 CONSTRUCTION NOISE

The proposed construction process for CNYRP, expected to commence in June 2014, will include onsite construction of associated buildings, site entrances, race tracks, and parking lots. Project construction is expected to conclude by December 2015 and completed in several phases, as described below:

1. Route 11/southern and northern site entrances
2. Northeastern portion of site/dirt track
3. Central parking lots
4. Main building
5. Maintenance garages/parking/road course
6. Southern portion of the site
7. Horse area

A breakdown of the equipment proposed for the construction period is provided below in Table 6-1 along with each representative equipment category as defined by the Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM), a screening tool used to assess sound level impacts from construction noise at sensitive receptors.

Table 6-1 Proposed Construction Equipment

Construction Equipment	Number of Units	RCNM Category
Tractor Pull Pan	2	Tractor
40-ton Art-Truck Pull 45cy Trailer	3-4	Flat Bed Truck
40-ton Art-Truck	2-3	Flat Bed Truck
Large Excavator	2	Excavator
Mid-Size Excavator	2-3	Excavator
Large Dozer	2-3	Dozer
Mid-Size Dozer	2	Dozer
Compactor	3	Compactor (Ground)
Large Loader	1	Front End Loader
Mid-Size Loader	2	Front End Loader
Mini Excavator	1	Excavator
Skid Steer	2	Front End Loader
Water Truck	1	Dump Truck
Sweeper	1	Vacuum Street Sweeper

A site-wide noise model was developed for the CNYRP project using a site plan illustrating construction staging locations and the equipment list in Table 6-2 below, which summarizes the reference sound level and usage factor data associated with each noise source. All equipment listed was conservatively assumed to be operating concurrently during each construction activity and collocated at the closest point within the relevant work area for each construction phase. While the location of individual pieces of equipment will vary depending on operations, source locations were modeled to represent worst-case construction noise emissions from the Project site. Sound levels from construction activities were modeled at the same set of receptor locations evaluated in the operational source analysis representing the closest receptors in the Project vicinity.

Table 6-2 Modeled Construction Equipment Reference Sound Levels

Construction Equipment	Number of Units	Impact Device?	Usage Factor	Sound Level[1] @ 50 ft (dBA)
Tractor	2	No	40%	84
Flat Bed Truck	5	No	40%	84
Excavator	5	No	40%	85
Dozer	4	No	40%	85
Compactor	3	No	20%	80
Front End Loader	3	No	40%	80
Dump Truck	1	No	40%	84
Vacuum Street Sweeper	1	No	10%	80

Source: FHWA Roadway Construction Noise Model User's Guide, Table 1

1. Actual measured Lmax at 50 feet when data available. Tractor sound level based on Spec 721.560 per RCNM

As employed by RCNM and described in the "FHWA Roadway Construction Noise Model, Version 1.0 User's Guide"2, Equation (1) below calculates the Lmax (maximum value) for each equipment type at the location(s) of interest:

$$LmaxCalc = selected\_Lmax - 20log(D/50) - shielding \quad (1)$$

Where: *Selected_Lmax = is the "Spec" or "Actual" maximum A-weighted sound level at 50 feet, listed in Table 1 (of the user's guide) for pieces of equipment, in dBA. For this analysis the "Selected Lmax" corresponds to the "Sound Level at 50 ft" presented in Table 6-2.*

2 Final Report prepared by the U.S. Department of Transportation Research and Innovative Technology Administration John A. Volpe National Transportation Systems Center, dated January 2006.

D = the distance between the equipment and the receptor, in feet.

Shielding = the insertion loss of any barriers of mitigation, in dBA.

Equation (2) below calculates the L_{eq} for the equipment type at the location(s) of interest. This equation incorporates an acoustical "usage factor" which estimates the fraction of time each piece of construction equipment will be operating at full power (i.e., its loudest condition) during a given operation:

$$Leq = LmaxCalc + 10log(U.F.\%/100) \quad (2)$$

Where: *U.F.% is the time-averaged equipment usage factor, in percent.*

These two equations allow for the calculation of sound levels for comparison with the recommended noise emission limit provided in the NYSDOT Environmental Procedures Manual discussed in Section 3.5.

Table 6-3 presents the predicted sound levels due to typical Project construction at each of the modeling locations shown in Figure 4-1 with and without mitigation.

Table 6-3 Construction Sound Level Impacts

Receptor ID	Distance (feet)	Sound Pressure Level (dBA)	
		No Mitigation	With Mitigation
R1	210	77	77
R2	160	80	80
R3	450	71	71
R4	400	72	72
R5	470	70	70
R6	80	86	80
R7	160	80	80
R8	200	78	78
R9	100	84	80

Results of this analysis indicate that worst-case sound levels from daytime construction activity within the proposed Project site are predicted to range from approximately 70 to 80 dBA, with appropriate mitigation, meeting the recommended maximum allowable level of 80 dBA described in the NYSDOT guidance document. Construction will require the use of equipment that will be audible off-site and likely to be considered at least moderate to very noticeable at nearby residences. However, as with other forms of facility construction, this work will be transient and thus the duration of potential daytime construction noise effects at a given residence will be limited. Predicted sound levels based on the assumption that

all activities proposed within a given period will be concurrent, and that all equipment associated with a given activity will be collocated, are conservative. In practice, many of the activities modeled cumulatively will occur at different times, equipment will be spread out within each work area, and not all equipment will operate simultaneously at full load. In addition, the majority of the construction will occur in areas well removed from residences or other sensitive receptors. While the locations assumed for each construction activity were chosen to be "worst-case", the majority of the time the mobile sources associated with construction activity will be further from the Project property line, resulting in sound levels reduced by approximately 10 to 20 dBA. For reference, existing sound levels as described in Section 4.0 range from approximately 50 to 60 dBA during daytime hours.

In general, construction of the road course which inscribes the perimeter of the property will be the activity occurring closest to the majority of sensitive receptors. Along Rt 11, however, the closest residences to on-site construction activity (receptors R8 and R6) are approximately100 feet from the western property line where site entrance activities will be occurring and are likely to experience slightly higher temporary sound levels. Noise reduction of approximately 5 to 10 dBA was included in the model at these locations, as reflected in Table 6-3 and can reasonably be achieved through the construction of earthen berms or the installation of temporary noise barriers approximately 12 to 18 feet high. The exact heights and placement of berms or barriers will be determined during detailed site design and site plan review, but would be recommended during the following construction phases at the following locations when equipment approaches within 200 feet:

- To shield residences along Rt. 11 from northern and southern site entrance activities
- To shield receptors at the Central Square Middle School from road course, northern site entrance, and horse area construction along the northern property line

Additionally, every reasonable effort will be made to minimize the noise impact of construction activities site-wide through measures which may include:

- Scheduling work during daytime hours to the greatest extent practicable
- Using appropriate mufflers on all equipment and providing ongoing maintenance of intake and exhaust mufflers;
- Maintaining muffler enclosures on continuously operating equipment, such as air compressors and welding generators;
- Replacing specific construction operations and techniques with less noisy ones where feasible and practical;
- Selecting the quietest practicable equipment (e.g., electric instead of diesel-powered equipment);

- Selecting equipment operations to keep average noise levels low, to synchronize the noisiest activities with times of highest ambient noise levels, and to maintain relatively uniform noise levels;
- Locating noisy equipment at locations that protect sensitive locations by shielding or distance; and
- Turning off idle equipment.
- Securing any decking on roadways to avoid rattling when traffic passes over.
- Using vehicles and equipment with either ambient-sensitive or manually adjustable back-up alarms.
- Placing stationary noise producing equipment as far away as possible from residential and sensitive receptor locations.
- Keeping engine housing panels on all equipment closed; and when not in use, shutting off equipment.

7.0 CONCLUSIONS

A comprehensive sound level assessment was conducted for the proposed Central New York Raceway Project. Baseline ambient sound levels were measured to characterize the existing background in and around the Project area in Hastings, NY. Project-only sound levels were then predicted at nearby residences, so as to determine the future sound levels expected for each proposed racing scenario.

Results indicate that sound levels from the project due to racing events will meet the relevant NYDEC noise guidelines at all sensitive residential receptors during racing hours. Additionally, sound from temporary construction activities are not anticipated to cause a significant noise impact on the surrounding community. Furthermore, sound level impacts from the CNYRP are predicted to be significantly lower than those currently experienced by residents from the existing Brewerton Speedway due to shielding from barriers, berms, and buildings, quieter vehicles, and increased setbacks.

Appendix A
Continuous Sound Level Measurements

Figure A1: L_{eq} Ambient Sound Levels by Location

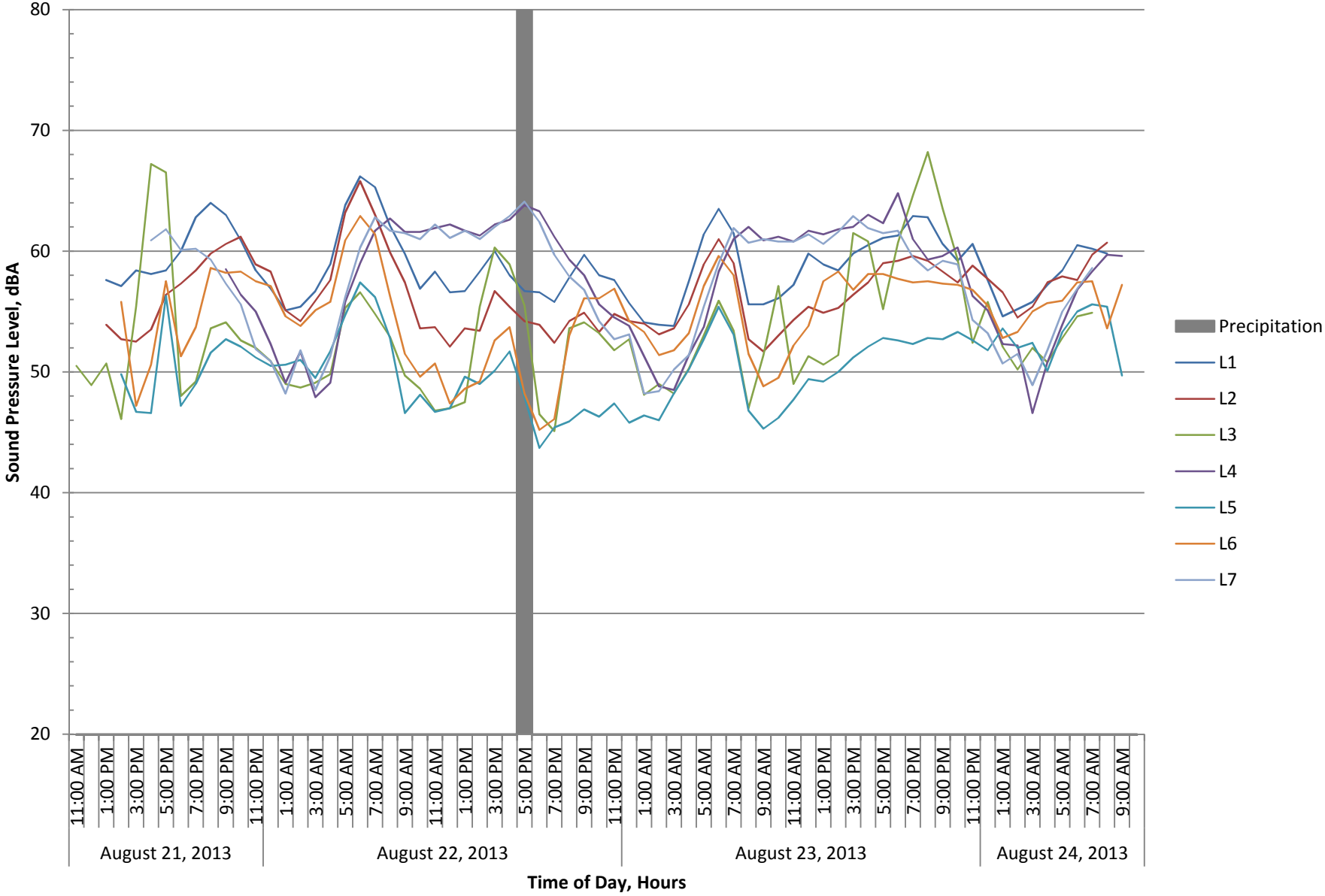
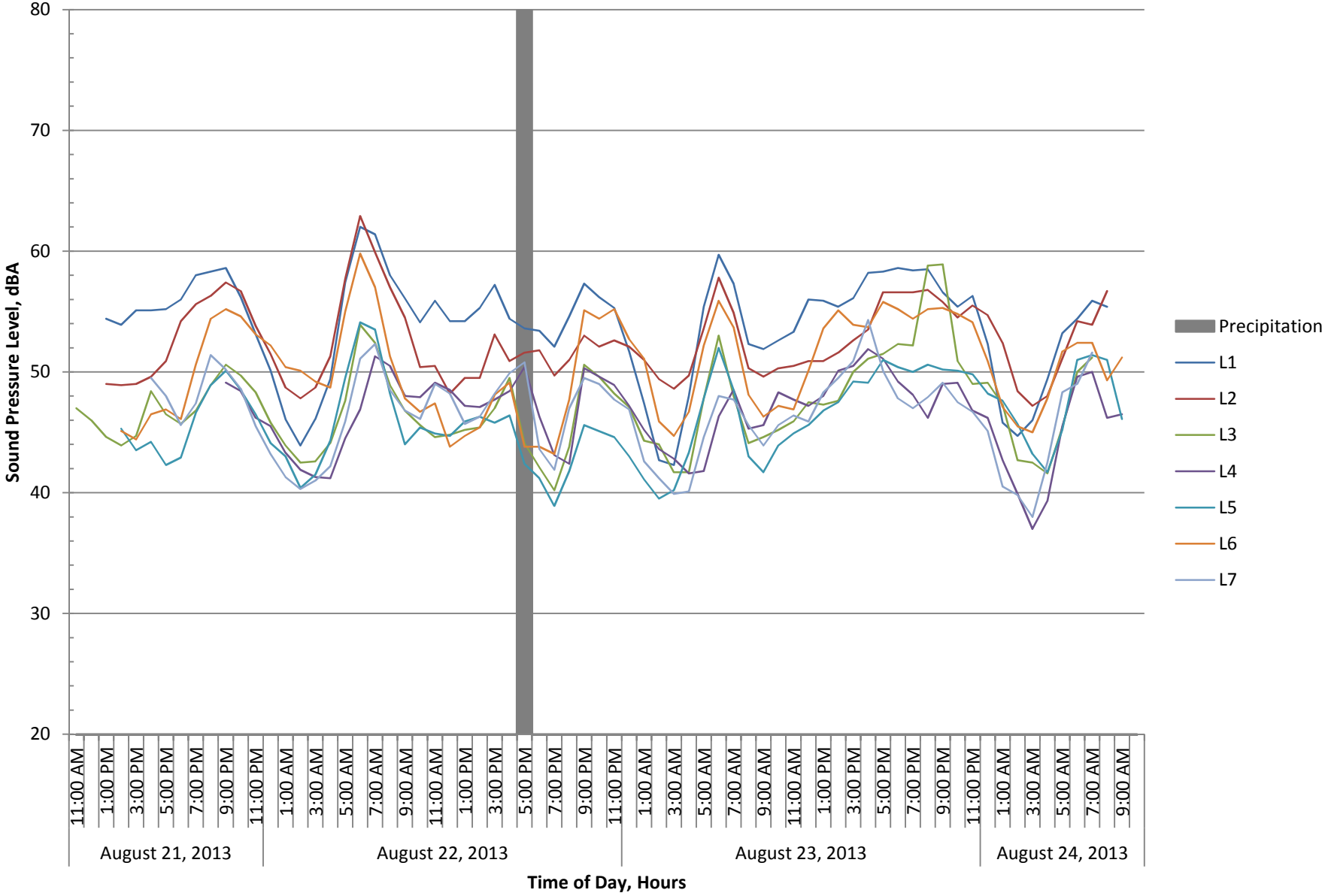


Figure A2: L_{90} Ambient Sound Levels by Location



Appendix B
NCDC Meteorological Data

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA (final) HOURLY OBSERVATIONS TABLE SYRACUSE HANCOCK INTERNATIONAL AP (14771) SYRACUSE, NY (08/2013)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: 413 ft. above sea level
Latitude: 43.111
Longitude: -76.103
Data Version: VER3

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Dry Bulb Temp (C)	Wet Bulb Temp (F)	Wet Bulb Temp (C)	Dew Point Temp (F)	Dew Point Temp (C)	Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alti-meter (in. hg)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0054	11	FEW160 OVC190	10.00		65	18.3	61	16.3	59	15.0	81	5	110		29.48			29.91	AA		29.93
01	0154	11	OVC180	10.00		66	18.9	62	16.5	59	15.0	78	5	110		29.46			29.89	AA		29.91
01	0254	11	OVC180	10.00		68	20.0	63	16.9	59	15.0	73	8	140		29.44			29.87	AA		29.89
01	0354	11	OVC180	10.00		67	19.4	63	17.1	60	15.6	78	7	130		29.42			29.86	AA		29.87
01	0454	11	FEW075 BKN180 OVC220	9.00		68	20.0	64	17.6	61	16.1	78	6	110		29.42			29.85	AA		29.87
01	0554	11	BKN090 OVC170	10.00		69	20.6	65	18.1	62	16.7	79	8	140		29.41			29.84	AA		29.86
01	0654	11	BKN070 BKN090 OVC170	10.00		71	21.7	66	18.8	63	17.2	76	9	150		29.40			29.83	AA		29.85
01	0754	11	SCT055 BKN075 BKN095	10.00		70	21.1	66	19.0	64	17.8	81	9	150		29.39			29.82	AA	0.01	29.84
01	0854	11	BKN038 OVC048	8.00	-RA	71	21.7	67	19.5	65	18.3	81	9	190		29.38			29.81	AA	0.02	29.83
01	0916	11	BKN036 OVC043	2.50	RA BR	70	21.0	66	19.0	64	18.0	81	10	200		29.38			M	SP		29.83
01	0930	11	BKN032 OVC038	3.00	-RA BR	70	21.0	67	19.6	66	19.0	87	7	190		29.38			M	SP		29.83
01	0939	11	BKN030 OVC037	2.00	RA BR	70	21.0	67	19.6	66	19.0	87	6	170		29.37			M	SP		29.82
01	0945	11	BKN030 BKN038 OVC060	5.00	-RA BR	70	21.0	67	19.6	66	19.0	87	7	150		29.37			M	SP		29.82
01	0954	11	SCT030 BKN040 OVC070	2.00	-RA BR	69	20.6	67	19.4	66	18.9	90	8	150		29.36			29.80	AA	0.08s	29.81
01	1016	11	FEW039 BKN048 BKN075	5.00		70	21.0	67	19.6	66	19.0	87	8	180		29.37			M	SP		29.82
01	1054	11	FEW039 SCT045 BKN060	10.00		73	22.8	69	20.6	67	19.4	82	7	180		29.36			29.79	AA	0.03	29.81
01	1152	11	FEW021 BKN028 BKN060	10.00		75	24.0	69	20.6	66	19.0	74	9	180		29.35			M	SP		29.80
01	1154	11	FEW021 BKN028 BKN060	10.00		75	23.9	70	20.9	67	19.4	76	10	170		29.35			29.78	AA		29.80
01	1233	11	FEW025 BKN030 BKN080	10.00		75	24.0	69	20.6	66	19.0	74	10	180		29.35			M	SP		29.80
01	1254	11	FEW024 SCT033 OVC070	10.00		75	23.9	69	20.6	66	18.9	74	11	200		29.35			29.78	AA		29.80
01	1354	11	BKN030 BKN038 BKN090	10.00		77	25.0	70	21.0	66	18.9	69	9	200		29.32			29.75	AA		29.77
01	1444	11	SCT030CB BKN040 OVC090	4.00	-TSRA	75	24.0	68	19.9	64	18.0	69	28	280	38	29.34			M	SP		29.79
01	1458	11	SCT030CB BKN036 OVC090	2.00	-TSRA	70	21.0	66	19.0	64	18.0	81	17	280		29.36			M	SP		29.81
01	1509	11	SCT033CB BKN040 CLR090	6.00		68	20.0	66	18.6	64	18.0	87	9	270		29.36			M	SP		29.81
01	1517	11	SCT033 SCT040 BKN090	10.00		70	21.0	67	19.6	66	19.0	87	10	270		29.36			M	SP		29.81
01	1554	11	FEW014 SCT050 OVC100	10.00		72	22.2	69	20.4	67	19.4	84	11	270		29.35			29.79	AA	0.14	29.80
01	1610	11	SCT014 BKN021 OVC100	10.00		73	23.0	68	20.2	66	19.0	79	14	280	22	29.35			M	SP		29.80
01	1654	11	FEW015 SCT021 BKN120	10.00		74	23.3	68	19.7	64	17.8	71	14	290	18	29.36			29.80	AA		29.81
01	1754	11	SCT025 SCT140	10.00		74	23.3	66	19.1	62	16.7	66	10	280		29.37			29.80	AA		29.82
01	1854	11	FEW028 SCT260	10.00		72	22.2	66	18.7	62	16.7	71	6	300		29.38			29.82	AA		29.83
01	1954	11	FEW030	10.00		66	18.9	63	17.2	61	16.1	84	0	000		29.38			29.82	AA		29.83
01	2054	11	FEW040 SCT260	10.00		65	18.3	63	17.3	62	16.7	90	0	000		29.39			29.83	AA		29.84
01	2154	11	FEW095	10.00		65	18.3	63	16.9	61	16.1	87	0	000		29.39			29.83	AA		29.84
01	2254	11	FEW090 BKN250	10.00		63	17.2	61	16.2	60	15.6	90	0	000		29.39			29.83	AA		29.84
01	2354	11	FEW047 SCT095 BKN250	10.00		63	17.2	61	16.2	60	15.6	90	0	000		29.40			29.83	AA		29.85
02	0054	11	FEW095 BKN260	10.00		63	17.2	61	16.2	60	15.6	90	0	000		29.40			29.83	AA		29.85
02	0126	11	BKN018 BKN095 BKN260	10.00		63	17.0	62	16.5	61	16.0	93	0	000		29.39			M	SP		29.84
02	0154	11	BKN018 OVC085	10.00		64	17.8	62	16.4	60	15.6	87	0	000		29.38			29.82	AA		29.83
02	0232	11	SCT014 BKN045 OVC250	10.00		64	18.0	62	16.7	61	16.0	90	3	230		29.39			M	SP		29.84
02	0254	11	FEW014 BKN045 BKN250	10.00		64	17.8	62	16.4	60	15.6	87	6	260		29.39			29.83	AA		29.84
02	0354	11	FEW045 SCT060 SCT250	10.00		63	17.2	61	16.2	60	15.6	90	6	250		29.40			29.84	AA		29.85
02	0454	11	FEW040 SCT060 SCT250	10.00		63	17.2	61	16.2	60	15.6	90	6	230		29.41			29.84	AA		29.86
02	0554	11	FEW045 SCT070 SCT110	10.00		64	17.8	62	16.4	60	15.6	87	3	220		29.42			29.85	AA		29.87
02	0654	11	SCT055 SCT200	10.00		67	19.4	64	17.7	62	16.7	84	6	240		29.43			29.86	AA		29.88
02	0754	11	FEW042 SCT200	10.00		69	20.6	64	17.8	61	16.1	76	10	240		29.45			29.88	AA		29.90
02	0854	11	SCT023 SCT200	10.00		73	22.8	66	18.6	61	16.1	66	6	240		29.45			29.89	AA		29.90
02	0954	11	SCT035 SCT050 BKN200	10.00		74	23.3	63	17.3	56	13.3	54	6	250		29.44			29.87	AA		29.89
02	1054	11	SCT043 BKN200	10.00		76	24.4	65	18.3	58	14.4	54	7	270		29.43			29.86	AA		29.88
02	1154	11	SCT043 BKN200	10.00		76	24.4	65	18.3	58	14.4	54	5	260		29.42			29.85	AA		29.87
02	1254	11	SCT050 BKN100 BKN110	10.00		74	23.3	64	17.9	58	14.4	58	7	270		29.42			29.85	AA	T	29.87
02	1354	11	SCT035 SCT050 BKN090	10.00		73	22.8	65	18.3	60	15.6	64	9	300		29.42			29.85	AA	T	29.87
02	1408	11	SCT035CB SCT090 OVC200	10.00	TS	73	23.0	66	18.6	61	16.0	66	7	310		29.42			M	SP		29.87
02	1446	11	SCT035CB SCT075 OVC200	9.00	TS	68	20.0	65	18.2	63	17.0	84	10	180		29.43			M	SP		29.88
02	1454	11	FEW033 SCT055 OVC090	10.00		68	20.0	64	17.9	62	16.7	81	6	190		29.42			29.85	AA	T	29.87
02	1554	11	FEW035 SCT100 SCT200	10.00		74	23.3	65	18.2	59	15.0	60	11	190		29.40			29.83	AA		29.85
02	1654	11	FEW036 SCT100	10.00		74	23.3	64	17.6	57	13.9	56	8	220		29.39			29.82	AA		29.84
02	1754	11	FEW040 SCT110 OVC170	10.00		72	22.2	63	17.2	57	13.9	59	7	280		29.40			29.83	AA		29.85
02	1854	11	FEW034 SCT130 BKN160	10.00		70	21.1	62	16.5	56	13.3	61	11	280		29.41			29.84	AA		29.86
02	1954	11	FEW095 SCT200	10.00		67	19.4	60	15.5	55	12.8	66	5	230		29.41			29.84	AA		29.86
02	2054	11	FEW100 SCT210	10.00		63	17.2	60	15.2	57	13.9	81	0	000		29.42			29.85	AA		29.87
02	2154	11	FEW080 SCT130 BKN240	10.00		63	17.2	60	15.5	58	14.4	84	0	000		29.41			29.84	AA		29.86
02	2254	11	FEW041 BKN080 OVC095	10.00		65	18.3	63	16.9	61	16.1	87	5	360		29.40			29.83	AA	0.01	29.85
02	2354	11	FEW043 BKN060 OVC110	10.00		63	17.2	62	16.5	61	16.1	93	3	090		29.38			29.81	AA	0.01	29.83
03	0054	11	OVC050	10.00	-RA	64	17.8	62	16.7	61	16.1	90	0	000		29.37			29.80	AA	0.01	29.82
03	0154	11	SCT047 OVC055	9.00	-RA	63	17.2	62	16.5	61	16.1	93	0	000		29.36			29.80	AA	0.03	29.81
03	0254	11	SCT065 BKN080 OVC150	10.00		62	16.7	61	16.0	60	15.6	93	0	000		29.37			29.81	AA	T	29.82

03	0254	11	SCT065 BKN080 OVC150	10.00			62	16.7	61	16.0	60	15.6	93	0	000		29.57			29.81	AA	T	29.82
03	0354	11	FEW080 BKN130 BKN200	10.00			63	17.2	62	16.5	61	16.1	93	8	250		29.38			29.81	AA		29.83
03	0454	11	FEW022 SCT090 BKN140	10.00			63	17.2	62	16.5	61	16.1	93	10	240		29.39			29.83	AA		29.84
03	0554	11	SCT010 SCT025TCU CLR160	10.00			64	17.8	62	16.7	61	16.1	90	10	250		29.41			29.85	AA		29.86
03	0620	11	BKN010 BKN080 BKN170	10.00			64	18.0	63	17.4	63	17.0	97	10	250		29.42			M	SP		29.87
03	0654	11	BKN010 BKN085 BKN160	10.00			66	18.9	64	17.5	62	16.7	87	10	250		29.44			29.87	AA		29.89
03	0659	11	SCT010 BKN085 BKN160	10.00			66	19.0	64	17.8	63	17.0	90	10	250		29.43			M	SP		29.88
03	0754	11	SCT012 BKN080 BKN160	10.00			68	20.0	64	17.9	62	16.7	81	14	260		29.44			29.87	AA		29.89
03	0818	11	BKN014 BKN080	10.00			68	20.0	65	18.2	63	17.0	84	10	260		29.43			M	SP		29.88
03	0851	11	SCT016 BKN080	10.00			70	21.0	66	18.6	63	17.0	79	10	270		29.43			M	SP		29.88
03	0854	11	SCT016 BKN080	10.00			70	21.1	65	18.3	62	16.7	76	13	270		29.43			29.87	AA		29.88
03	0954	11	FEW023 SCT028 BKN039	10.00			72	22.2	65	18.1	60	15.6	66	10	240		29.43			29.86	AA		29.88
03	1054	11	FEW029 SCT035 BKN075	10.00			73	22.8	63	17.4	57	13.9	57	15	290	22	29.43			29.86	AA		29.88
03	1154	11	FEW035 SCT043 BKN060	10.00			75	23.9	64	17.8	57	13.9	54	11	270	20	29.43			29.87	AA		29.88
03	1254	11	SCT045 BKN060	10.00			74	23.3	63	17.0	55	12.8	52	17	270	21	29.43			29.86	AA		29.88
03	1354	11	FEW047 SCT055	10.00			75	23.9	64	17.8	57	13.9	54	10	300	20	29.44			29.87	AA		29.89
03	1454	11	FEW045 SCT055 SCT150	10.00			76	24.4	63	17.1	54	12.2	47	15	270	20	29.42			29.85	AA		29.87
03	1554	11	FEW045 SCT055 SCT080	10.00			75	23.9	63	16.9	54	12.2	48	15	290	24	29.43			29.86	AA		29.88
03	1654	11	FEW050 SCT080	10.00			75	23.9	63	16.9	54	12.2	48	11	280	24	29.43			29.86	AA		29.88
03	1754	11	FEW050 SCT080 SCT150	10.00			73	22.8	60	15.7	51	10.6	46	17	270	24	29.44			29.87	AA		29.89
03	1854	11	FEW050 SCT080 SCT150	10.00			71	21.7	60	15.6	52	11.1	51	9	270		29.44			29.87	AA		29.89
03	1954	11	FEW050 SCT080 SCT150	10.00			66	18.9	58	14.5	52	11.1	61	6	250		29.45			29.88	AA		29.90
03	2054	11	FEW080 BKN100 BKN150	10.00			66	18.9	59	15.0	54	12.2	65	5	230		29.45			29.89	AA		29.90
03	2154	11	BKN070 BKN100	10.00			67	19.4	60	15.5	55	12.8	66	3	230		29.45			29.88	AA		29.90
03	2254	11	SCT060 BKN100	10.00			67	19.4	61	15.8	56	13.3	68	7	240		29.44			29.88	AA		29.89
03	2354	11	SCT060 BKN090	10.00			65	18.3	60	15.4	56	13.3	73	8	250		29.45			29.88	AA		29.90
04	0054	11	BKN060 OVC090	10.00			64	17.8	60	15.5	57	13.9	78	6	250		29.44			29.88	AA		29.89
04	0154	11	BKN046 BKN090	10.00			64	17.8	60	15.8	58	14.4	81	7	240		29.45			29.88	AA		29.90
04	0254	11	BKN042 BKN080	10.00			63	17.2	60	15.2	57	13.9	81	8	240		29.45			29.88	AA		29.90
04	0354	11	FEW026 SCT047	10.00			62	16.7	59	15.0	57	13.9	84	9	250		29.45			29.88	AA		29.90
04	0454	11	SCT030 SCT039	10.00			61	16.1	59	14.8	57	13.9	87	9	250		29.46			29.90	AA		29.91
04	0554	11	SCT024 SCT029 BKN044	10.00	-RA		62	16.7	60	15.3	58	14.4	87	9	250		29.46			29.90	AA	T	29.91
04	0654	11	FEW025 BKN030 BKN080	10.00			64	17.8	60	15.8	58	14.4	81	13	250		29.47			29.91	AA		29.92
04	0718	11	BKN025 BKN033 BKN085	10.00	-RA		63	17.0	60	15.2	57	14.0	81	10	250		29.48			M	SP		29.93
04	0731	11	SCT025 BKN031 OVC085	10.00			64	18.0	61	16.1	59	15.0	84	10	250		29.48			M	SP		29.93
04	0754	11	FEW020 SCT031 BKN080	10.00			64	17.8	61	16.1	59	15.0	84	10	260		29.48			29.91	AA	T	29.93
04	0829	11	SCT014 BKN019 OVC080	10.00			64	18.0	61	16.1	59	15.0	84	11	260		29.48			M	SP		29.93
04	0854	11	SCT014 BKN019 BKN080	10.00			67	19.4	63	17.1	60	15.6	78	11	260		29.48			29.92	AA		29.93
04	0900	11	FEW014 SCT019 BKN080	10.00			66	19.0	63	17.2	61	16.0	84	13	260		29.48			M	SP		29.93
04	0954	11	FEW022 SCT032 BKN075	10.00			71	21.7	64	17.6	59	15.0	66	14	280		29.49			29.92	AA		29.94
04	1054	11	SCT032 BKN060	10.00			73	22.8	64	17.7	58	14.4	59	10	320	18	29.50			29.93	AA		29.95
04	1154	11	SCT040 BKN050	10.00			71	21.7	61	16.1	54	12.2	55	14	310		29.50			29.94	AA		29.95
04	1254	11	SCT040 BKN055	10.00			72	22.2	61	16.0	53	11.7	51	20	280	24	29.51			29.94	AA		29.96
04	1354	11	SCT040	10.00			71	21.7	61	16.1	54	12.2	55	18	290	24	29.51			29.95	AA		29.96
04	1454	11	SCT039	10.00			71	21.7	61	15.8	53	11.7	53	18	280	26	29.52			29.95	AA		29.97
04	1554	11	SCT042 BKN080	10.00			72	22.2	61	16.0	53	11.7	51	17	290	25	29.52			29.96	AA		29.97
04	1654	11	SCT040 BKN080	10.00			70	21.1	60	15.6	53	11.7	55	13	290		29.52			29.96	AA		29.97
04	1754	11	BKN075	10.00			69	20.6	60	15.4	53	11.7	57	9	280		29.53			29.96	AA		29.98
04	1854	11	SCT075	10.00			67	19.4	59	14.7	52	11.1	59	10	270		29.53			29.97	AA		29.98
04	1954	11	SCT045	10.00			63	17.2	57	14.1	53	11.7	70	8	260		29.54			29.98	AA		29.99
04	2054	11	SCT055	10.00			63	17.2	57	14.1	53	11.7	70	11	260		29.55			29.99	AA		30.00
04	2154	11	BKN060 OVC070	10.00	-RA		64	17.8	58	14.3	53	11.7	68	8	270		29.55			29.99	AA	T	30.00
04	2254	11	BKN048 OVC080	10.00			64	17.8	58	14.3	53	11.7	68	6	310		29.57			30.01	AA	T	30.02
04	2354	11	BKN060	10.00			62	16.7	56	13.5	52	11.1	70	0	000		29.58			30.02	AA		30.03
05	0054	11	OVC070	10.00			60	15.6	56	13.1	52	11.1	75	0	000		29.58			30.02	AA		30.03
05	0154	11	SCT070	10.00			56	13.3	54	12.1	52	11.1	87	0	000		29.59			30.02	AA		30.04
05	0254	11	CLR	10.00			55	12.8	53	11.5	51	10.6	86	0	000		29.59			30.03	AA		30.04
05	0354	11	CLR	10.00			54	12.2	52	11.0	50	10.0	86	0	000		29.60			30.04	AA		30.05
05	0454	11	FEW060	10.00			53	11.7	51	10.7	50	10.0	90	0	000		29.62			30.05	AA		30.07
05	0554	11	FEW060	10.00			55	12.8	53	11.5	51	10.6	86	0	000		29.63			30.06	AA		30.08
05	0654	11	FEW045 SCT200	10.00			60	15.6	56	13.4	53	11.7	78	3	220		29.64			30.07	AA		30.09
05	0701	11	FEW001 SCT045 SCT200	10.00			61	16.0	57	13.9	54	12.0	78	3	210		29.64			M	SP		30.09
05	0754	11	SCT200	10.00			65	18.3	59	14.8	54	12.2	68	7	250		29.64			30.08	AA		30.09
05	0854	11	SCT055 SCT200	10.00			69	20.6	60	15.4	53	11.7	57	6	VR		29.65			30.08	AA		30.10
05	0954	11	SCT039 BKN200	10.00			70	21.1	59	14.8	50	10.0	49	9	340		29.65			30.09	AA		30.10
05	1054	11	SCT050 BKN060 BKN200	10.00			72	22.2	60	15.3	50	10.0	46	7	330		29.64			30.08	AA		30.09
05	1154	11	SCT055 SCT200	10.00			71	21.7	59	14.8	49	9.4	46	6	290		29.62			30.06	AA		30.07
05	1254	11	SCT060	10.00			75	23.9	61	15.9	50	10.0	42	6	330		29.61			30.04	AA		30.06
05	1354	11	SCT060 BKN200	10.00			72	22.2	60	15.5	51	10.6	48	5	330		29.60			30.03	AA		30.05
05	1454	11	SCT065 BKN210	10.00			75	23.9	62	16.7	53	11.7	46	11	320	17	29.59			30.03	AA		30.04
05	1554	11	SCT060 BKN200	10.00			74	23.3	61	16.2	52	11.1	46	8	310		29.59			30.03	AA		30.04
05	1654	11	FEW050 SCT240 BKN270	10.00			73	22.8	60	15.7	51	10.6	46	9	310		29.59			30.03	AA		30.04
05	1754	11	FEW050 SCT250 BKN280	10.00			71	21.7	59	14.8	49	9.4	46	7	320		29.59			30.03	AA		30.04
05	1854	11	FEW210 SCT260 BKN300	10.00			67	19.4	57	13.9	49	9.4	53	5	320		29.59			30.03	AA		30.04
05	1954	11	FEW220 BKN280	10.00			63	17.2	57	13.8	52	11.1	68	0	000		29.59			30.03	AA		30.04
05	2054	11	BKN260	10.00			59	15.0	55	12.8	52	11.1	78	0	000		29.60			30.03	AA		30.05
05	2154	11	SCT250	10.00			59	15.0	56	13.1	53	11.7	81	5	120		29.60			30.03	AA		30.05
05	2254	11	SCT240	10.00			58	14.4	55	12.6	52	11.1	81	3	130		29.60			30.03	AA		30.05
05	2354	11	BKN240	10.00			57	13.9	54	12.0	51	10.6	80	3	130		29.60			30.03	AA		30.05
06	0054	11	BKN240	10.00			55	12.8	53	11.5	51	10.6	86	5	110		29.60			30.03	AA		30.05
06	0154	11	SCT230	10.00			55	12.8	53	11.5	51	10.6	86	3	120		29.60			30.04	AA		30.05
06	0254	11	SCT230	10.00			54	12.2	52	11.0	50	10.0	86	5	100		29.61			30.04	AA		30.06
06	0354	11	FEW200 SCT240	10.00			53	11.7	51	10.7	50	10.0	90	6	090		29.61			30.05	AA		30.06
06	0454	11	FEW070 SCT120 SCT190	10.00			52	11.1	50	10.2	49	9.4	90	6	090		29.61			30.05	AA		30.06
06	0554	11	FEW040 SCT070 SCT110	10.00			52	11.1	51	10.5	50	10.0	93	5	090		29.62			30.06	AA		30.07
06	0654	11	SCT075 SCT200 BKN240	10.00			57	13.9	55	12.6	53	11.7	87	5	090		29.62			30.06	AA		30.07
06	0754	11	BKN065 OVC200	10.00			61	16.1	58	14.2	55	12.8	81	5	080		29.62			30.06	AA		30.07
06	0854	11	FEW075 OVC200	10.00			66	18.9	60	15.6	56	13.3	70	7	080		29.62			30.06	AA		30.07
06	0954	11	SCT075 BKN140 BKN220	10.00			71	21.7	63	17.3	58	14.4	64	6	120		29.62			30.06	AA		30.07
06	1054	11	SCT049 BKN060 BKN080	10.00			74	23.3	64	17.9	58	14.4	58	5	340		29.62			30.06	AA		30.07
06	1154	11	FEW055 SCT080 BKN140	10.00			75	23.9	62	16.7	53	11.7	46	8	180		29.60			30.04	AA		30.05
06	1254	11	SCT055 BKN220	10.00			77	25.0	63	17.4	54	12.2	45	6	210		29.60			30.03	AA		30.05

06	1354	11	SCT060 BKN080 BKN200	10.00			79	26.1	65	18.0	55	12.8	44	6	VR		29.60			30.03	AA		30.05
06	1454	11	BKN075 BKN210	10.00			77	25.0	63	17.1	53	11.7	43	5	210		29.59			30.03	AA		30.04
06	1554	11	FEW060 SCT085 BKN300	10.00			76	24.4	63	17.2	54	12.2	47	6	VR		29.58			30.02	AA		30.03
06	1654	11	BKN060 BKN075 BKN250	10.00			76	24.4	64	17.7	56	13.3	50	9	150		29.59			30.03	AA		30.04
06	1754	11	FEW055 SCT075 SCT260	10.00			76	24.4	64	17.7	56	13.3	50	10	150		29.59			30.02	AA		30.04
06	1854	11	FEW080 SCT270	10.00			73	22.8	63	17.1	56	13.3	55	6	160		29.59			30.02	AA		30.04
06	1954	11	FEW080 SCT260	10.00			70	21.1	62	16.5	56	13.3	61	5	120		29.58			30.02	AA		30.03
06	2054	11	BKN060 OVC250	10.00			70	21.1	62	16.8	57	13.9	64	5	150		29.59			30.03	AA		30.04
06	2154	11	SCT060 SCT260	10.00			67	19.4	61	16.1	57	13.9	70	7	130		29.59			30.03	AA		30.04
06	2254	11	SCT070 BKN260	10.00			68	20.0	62	16.3	57	13.9	68	3	140		29.60			30.03	AA		30.05
06	2354	11	FEW075 SCT260	10.00			69	20.6	62	16.6	57	13.9	66	9	170		29.59			30.02	AA		30.04
07	0054	11	BKN240	10.00			68	20.0	62	16.6	58	14.4	71	7	160		29.59			30.02	AA		30.04
07	0154	11	BKN240 OVC260	10.00			68	20.0	62	16.3	57	13.9	68	8	150		29.59			30.02	AA		30.04
07	0254	11	FEW085 BKN180 OVC220	10.00			67	19.4	62	16.4	58	14.4	73	6	140		29.59			30.02	AA		30.04
07	0354	11	FEW085 BKN140 OVC180	10.00			67	19.4	62	16.4	58	14.4	73	8	130		29.59			30.02	AA		30.04
07	0454	11	BKN090 BKN130 OVC180	10.00			66	18.9	61	16.2	58	14.4	76	7	140		29.59			30.02	AA		30.04
07	0554	11	FEW065 SCT110 BKN140	10.00			67	19.4	62	16.7	59	15.0	76	8	150		29.59			30.02	AA		30.04
07	0654	11	SCT110 SCT140 BKN220	10.00			69	20.6	64	17.5	60	15.6	73	7	120		29.60			30.03	AA		30.05
07	0754	11	FEW026 SCT120 BKN220	10.00			72	22.2	65	18.4	61	16.1	68	10	140		29.60			30.03	AA		30.05
07	0854	11	SCT028 SCT120 SCT220	10.00			73	22.8	66	18.9	62	16.7	69	9	200		29.57			30.01	AA		30.02
07	0954	11	BKN030 OVC120	10.00			75	23.9	67	19.3	62	16.7	64	17	160	25	29.57			30.00	AA		30.02
07	1054	11	BKN032 OVC140	10.00			74	23.3	66	18.8	61	16.1	64	15	180	23	29.57			30.01	AA		30.02
07	1154	11	OVC030	10.00			75	23.9	67	19.3	62	16.7	64	10	180	20	29.57			30.00	AA		30.02
07	1254	11	OVC032	10.00			75	23.9	67	19.6	63	17.2	66	13	170	21	29.56			29.99	AA		30.01
07	1352	11	BKN029 OVC034	10.00			75	24.0	68	19.9	64	18.0	69	15	170	25	29.54			M	SP		29.99
07	1354	11	OVC029	10.00			75	23.9	68	19.9	64	17.8	69	14	170	25	29.54			29.97	AA		29.99
07	1454	11	BKN028 BKN039 OVC170	10.00			79	26.1	70	21.3	66	18.9	65	14	160	21	29.52			29.95	AA		29.97
07	1501	11	BKN030 BKN038 OVC170	10.00			79	26.0	69	20.7	64	18.0	60	18	180	23	29.52			M	SP		29.97
07	1554	11	BKN030 BKN040 OVC180	10.00			76	24.4	68	20.1	64	17.8	67	13	170	25	29.51			29.94	AA		29.96
07	1654	11	SCT028 OVC042	10.00			76	24.4	69	20.5	65	18.3	69	15	170	22	29.50			29.93	AA		29.95
07	1754	11	FEW028 SCT042 BKN170	10.00			75	23.9	68	19.9	64	17.8	69	17	170	22	29.49			29.93	AA		29.94
07	1854	11	SCT028 BKN140 BKN160	10.00			74	23.3	68	19.8	64	17.8	71	11	160		29.49			29.93	AA		29.94
07	1954	11	FEW030 BKN100 BKN200	10.00			73	22.8	67	19.6	64	17.8	74	7	140		29.49			29.93	AA		29.94
07	2054	11	FEW075 SCT100 BKN250	10.00			73	22.8	68	19.9	65	18.3	76	9	160		29.49			29.93	AA		29.94
07	2154	11	FEW080 SCT090 SCT240	10.00			73	22.8	68	19.9	65	18.3	76	9	160		29.49			29.93	AA		29.94
07	2254	11	FEW085 SCT240	10.00			73	22.8	68	19.9	65	18.3	76	8	180		29.48			29.91	AA		29.93
07	2354	11	FEW030 BKN230	10.00			73	22.8	68	19.9	65	18.3	76	9	180		29.49			29.93	AA		29.94
08	0054	11	FEW036 SCT160 BKN230	10.00			72	22.2	68	19.7	65	18.3	79	10	180		29.48			29.92	AA		29.93
08	0154	11	FEW035 SCT130 BKN230	10.00			72	22.2	67	19.4	64	17.8	76	7	210		29.49			29.92	AA		29.94
08	0254	11	SCT160 BKN220	10.00			71	21.7	67	19.2	64	17.8	79	8	200		29.49			29.92	AA		29.94
08	0354	11	SCT160 BKN220	10.00			71	21.7	66	18.8	63	17.2	76	6	200		29.49			29.92	AA		29.94
08	0454	11	BKN050 BKN100 BKN130	10.00			71	21.7	66	18.8	63	17.2	76	5	210		29.51			29.94	AA		29.96
08	0554	11	SCT043 BKN080 BKN095	10.00			70	21.1	67	19.3	65	18.3	84	6	240		29.52			29.95	AA	T	29.97
08	0654	11	FEW036 SCT080 BKN130	10.00			72	22.2	68	20.0	66	18.9	82	3	150		29.53			29.96	AA	T	29.98
08	0754	11	FEW036 SCT120 BKN200	10.00			75	23.9	70	20.9	67	19.4	76	3	080		29.53			29.96	AA		29.98
08	0854	11	FEW036 SCT120 SCT200	10.00			77	25.0	70	21.3	67	19.4	71	3	VR		29.52			29.96	AA		29.97
08	0954	11	SCT036 SCT120 BKN250	10.00			79	26.1	71	21.7	67	19.4	67	5	140		29.51			29.94	AA		29.96
08	1054	11	SCT040 SCT200	10.00			80	26.7	70	21.2	65	18.3	60	3	VR		29.50			29.93	AA		29.95
08	1154	11	SCT040 BKN200	10.00			84	28.9	73	22.5	67	19.4	57	6	220		29.50			29.93	AA		29.95
08	1254	11	SCT041 BKN200	10.00			85	29.4	73	22.7	67	19.4	55	0	000		29.50			29.93	AA		29.95
08	1354	11	SCT045 BKN140 OVC220	10.00			86	30.0	74	23.2	68	20.0	55	9	240		29.49			29.92	AA		29.94
08	1454	11	FEW042 SCT085 OVC260	10.00			87	30.6	73	23.0	67	19.4	52	0	000		29.47			29.91	AA		29.92
08	1554	11	SCT047 BKN170 OVC240	10.00			83	28.3	74	23.4	70	21.1	65	7	050		29.46			29.89	AA		29.91
08	1654	11	FEW042 SCT049 BKN060	10.00			81	27.2	74	23.0	70	21.1	69	0	000		29.48			29.91	AA		29.93
08	1754	11	BKN038 OVC140	10.00	-RA		79	26.1	73	22.7	70	21.1	74	3	010		29.47			29.91	AA	T	29.92
08	1854	11	SCT045 BKN070 OVC110	6.00	-RA BR		75	23.9	74	23.1	73	22.8	94	3	020		29.47			29.90	AA	0.14	29.92
08	1954	11	FEW032 SCT110 BKN140	10.00			75	23.9	73	22.7	72	22.2	90	0	000		29.48			29.92	AA	T	29.93
08	2054	11	FEW029 SCT065 BKN130	10.00			74	23.3	73	22.5	72	22.2	94	3	210		29.49			29.92	AA		29.94
08	2126	11	BKN018	10.00			73	23.0	72	22.4	72	22.0	97	5	200		29.48			M	SP		29.93
08	2154	11	SCT018 OVC120	10.00			74	23.3	71	21.5	69	20.6	84	6	180		29.48			29.91	AA		29.93
08	2254	11	SCT095 BKN120 OVC140	10.00			73	22.8	70	21.3	69	20.6	87	3	260		29.48			29.91	AA		29.93
08	2354	11	FEW027 SCT080 BKN095	10.00			73	22.8	71	21.6	70	21.1	90	0	000		29.46			29.89	AA	T	29.91
09	0054	11	FEW010 SCT050 BKN100	8.00			72	22.2	71	21.4	70	21.1	93	5	080		29.46			29.88	AA	0.03	29.91
09	0154	11	FEW019 SCT075 OVC095	8.00			71	21.7	70	20.9	69	20.6	93	3	090		29.44			29.87	AA	T	29.89
09	0254	11	FEW075 OVC090	10.00			71	21.7	70	20.9	69	20.6	93	3	080		29.43			29.85	AA	0.02	29.88
09	0354	11	SCT028 BKN036 BKN090	10.00			71	21.7	70	20.9	69	20.6	93	0	000		29.42			29.85	AA		29.87
09	0414	11	BKN029 BKN036 OVC044	10.00			70	21.0	69	20.3	68	20.0	93	0	000		29.42			M	SP		29.87
09	0445	11	SCT026 BKN042 OVC110	10.00			72	22.0	71	21.4	70	21.0	93	3	090		29.42			M	SP		29.87
09	0454	11	SCT026 SCT043 BKN070	10.00			70	21.1	69	20.7	69	20.6	97	3	100		29.41			29.85	AA		29.86
09	0504	11	BKN026 BKN075 OVC110	10.00			72	22.0	71	21.4	70	21.0	93	3	110		29.42			M	SP		29.87
09	0554	11	BKN022 OVC027	10.00			71	21.7	70	20.9	69	20.6	93	0	000		29.41			29.84	AA		29.86
09	0654	11	BKN021 OVC038	10.00			71	21.7	70	20.9	69	20.6	93	0	000		29.40			29.83	AA		29.85
09	0714	11	OVC020	10.00			72	22.0	71	21.4	70	21.0	93	0	000		29.40			M	SP		29.85
09	0754	11	OVC020	10.00	-RA		73	22.8	70	21.3	69	20.6	87	0	000		29.40			29.84	AA	T	29.85
09	0854	11	BKN018 OVC034	10.00			75	23.9	72	22.0	70	21.1	85	0	000		29.39			29.83	AA	T	29.84
09	0954	11	FEW011 BKN018 OVC100	8.00	-RA		75	23.9	72	22.3	71	21.7	87	0	000		29.39			29.82	AA	T	29.84
09	1054	11	FEW010 BKN018 OVC036	10.00	-RA		76	24.4	73	22.5	71	21.7	85	3	320		29.38			29.82	AA	T	29.83
09	1150	11	SCT012 BKN021 OVC036	10.00	-RA		75	24.0	72	22.0	70	21.0	85	6	300		29.38			M	SP		29.83
09	1154	11	SCT012 BKN021 OVC036	10.00	-RA		75	23.9	72	22.3	71	21.7	87	5	310		29.38			29.81	AA	T	29.83
09	1247	11	SCT016 BKN075 OVC110	8.00	-RA		73	23.0	72	22.4	72	22.0	97	8	280		29.39			M	SP		29.84
09	1254	11	SCT016 BKN075 OVC110	8.00	-RA		75	23.9	73	22.7	72	22.2	90	5	260		29.38			29.81	AA	0.07	29.83
09	1354	11	FEW010 SCT016 BKN190	10.00			78	25.6	73	22.9	71	21.7	79	8	290		29.38			29.81	AA	T	29.83
09	1454	11	FEW017 BKN023 BKN031	10.00			76	24.4	71	21.8	69	20.6	79	10	310		29.38			29.81	AA		29.83
09	1526	11	SCT021 BKN035 OVC060	10.00			79	26.0	73	22.7	70	21.0	74	13	280		29.38			M	SP		29.83
09	1554	11	FEW020 BKN042 OVC060	10.00			77	25.0	72	22.0	69	20.6	76	9	280		29.39			29.82	AA		29.84
09	1625	11	BKN020 BKN025 OVC060	10.00			75	24.0	70	21.3	68	20.0	79	14	290		29.39			M	SP		29.84
09	1654	11	BKN016 OVC022	10.00			75	23.9	70	21.3	68	20.0	79	14	270		29.40			29.83	AA		29.85
09	1712	11	FEW016 OVC022	10.00			73	23.0	68	20.2	66	19.0	79	13	270		29.40			M	SP		29.85
09	1754	11	FEW016 BKN022 OVC270	10.00			74	23.3	68	20.1	65	18.3	74	13	280		29.40			29.83	AA		29.85
09	1802	11	SCT021 BKN270 OVC300	10.00			73	23.0	67	19.6	64	18.0	74	13	280		29.40			M	SP		29.85
09	1854	11	FEW030 SCT260 BKN300	10.00			72	22.2	68	19.7	65	18.3	79	7	260		29.41			29.84	AA		29.86
09	1954	11	SCT037 BKN260	10.00			69	20.6	67	19.4	66	18.9	90	3	240		29.43			29.87	AA		29.88

09	2054	11	BKN039 BKN230	10.00			69	20.6	67	19.4	66	18.9	90	5	220		29.45			29.88	AA		29.90
09	2154	11	FEW040 SCT250	10.00			69	20.6	66	19.1	65	18.3	87	7	230		29.44			29.88	AA		29.89
09	2254	11	BKN260	10.00			68	20.0	64	17.9	62	16.7	81	9	250		29.46			29.89	AA		29.91
09	2354	11	SCT260	10.00			66	18.9	62	16.8	60	15.6	81	9	250		29.46			29.90	AA		29.91
10	0054	11	SCT250	10.00			66	18.9	62	16.8	60	15.6	81	11	250		29.47			29.90	AA		29.92
10	0154	11	BKN250	10.00			65	18.3	61	16.3	59	15.0	81	10	250		29.48			29.91	AA		29.93
10	0254	11	SCT240	10.00			65	18.3	61	16.3	59	15.0	81	9	250		29.49			29.92	AA		29.94
10	0354	11	FEW240	10.00			65	18.3	61	16.0	58	14.4	78	13	260		29.50			29.93	AA		29.95
10	0454	11	FEW050 SCT110 SCT210	10.00			64	17.8	60	15.8	58	14.4	81	9	250		29.51			29.95	AA		29.96
10	0554	11	FEW060 BKN150 BKN200	10.00			65	18.3	61	16.3	59	15.0	81	9	250		29.53			29.96	AA		29.98
10	0654	11	FEW045 SCT180 BKN240	10.00			68	20.0	62	16.6	58	14.4	71	10	270		29.55			29.98	AA		30.00
10	0754	11	FEW060 SCT160 BKN260	10.00			69	20.6	62	16.6	57	13.9	66	9	270		29.56			29.99	AA		30.01
10	0854	11	SCT032 SCT048 BKN180	10.00			70	21.1	62	16.8	57	13.9	64	11	270	22	29.57			30.00	AA		30.02
10	0954	11	FEW036 SCT045 BKN180	10.00			70	21.1	61	16.2	55	12.8	59	13	290	22	29.58			30.01	AA		30.03
10	1054	11	SCT038 BKN045 BKN180	10.00			72	22.2	61	16.3	54	12.2	53	16	280	21	29.59			30.02	AA		30.04
10	1154	11	SCT042 BKN180	10.00			72	22.2	61	16.1	53	11.7	51	14	320	21	29.59			30.03	AA		30.04
10	1254	11	SCT047 SCT220	10.00			73	22.8	60	15.5	50	10.0	44	16	270		29.60			30.03	AA		30.05
10	1354	11	SCT050 SCT220	10.00			73	22.8	59	15.0	48	8.9	41	13	280	23	29.60			30.03	AA		30.05
10	1454	11	FEW055 SCT220	10.00			72	22.2	59	14.7	48	8.9	43	14	280		29.60			30.04	AA		30.05
10	1554	11	FEW055 SCT250	10.00			72	22.2	58	14.3	46	7.8	40	15	300	23	29.61			30.04	AA		30.06
10	1654	11	CLR055 CLR250	10.00			71	21.7	M	M	46	7.8	M	13	270		M			30.05	AA		30.06
10	1754	11	CLR055 CLR250	10.00			69	20.6	M	M	46	7.8	M	6	320		M			30.04	AA		30.06
10	1854	11	CLR055 CLR150	10.00			66	18.9	M	M	49	9.4	M	7	290		M			30.05	AA		30.07
10	1954	11	FEW055 SCT150	10.00			64	17.8	56	13.5	50	10.0	61	6	270		29.63			30.06	AA		30.08
10	2054	11	FEW150	10.00			60	15.6	56	13.1	52	11.1	75	0	000		29.64			30.08	AA		30.09
10	2154	11	CLR	10.00			59	15.0	55	12.8	52	11.1	78	0	000		29.64			30.07	AA		30.09
10	2254	11	CLR	10.00			59	15.0	55	12.5	51	10.6	75	0	000		29.64			30.08	AA		30.09
10	2354	11	FEW260	10.00			58	14.4	54	12.3	51	10.6	78	0	000		29.64			30.07	AA		30.09
11	0054	11	CLR	10.00			57	13.9	53	11.8	50	10.0	78	0	000		29.64			30.08	AA		30.09
11	0154	11	CLR	10.00			55	12.8	52	11.3	50	10.0	83	3	150		29.64			30.08	AA		30.09
11	0254	11	CLR	10.00			55	12.8	52	11.3	50	10.0	83	0	000		29.65			30.09	AA		30.10
11	0354	11	CLR	10.00			54	12.2	51	10.7	49	9.4	83	0	000		29.65			30.09	AA		30.10
11	0454	11	FEW050	10.00			53	11.7	51	10.5	49	9.4	86	0	000		29.65			30.09	AA		30.10
11	0554	11	FEW040	10.00			54	12.2	52	11.0	50	10.0	86	3	110		29.66			30.10	AA		30.11
11	0654	11	FEW040 SCT150	10.00			59	15.0	56	13.1	53	11.7	81	0	000		29.67			30.11	AA		30.12
11	0754	11	FEW040 SCT150	10.00			63	17.2	58	14.4	54	12.2	73	0	000		29.68			30.11	AA		30.13
11	0854	11	FEW040 SCT150	10.00			70	21.1	62	16.5	56	13.3	61	5	290		29.67			30.11	AA		30.12
11	0954	11	FEW040 SCT150	10.00			72	22.2	61	16.3	54	12.2	53	9	240		29.67			30.11	AA		30.12
11	1054	11	BKN045	10.00			71	21.7	61	16.1	54	12.2	55	6	250		29.66			30.10	AA		30.11
11	1154	11	SCT045 BKN060	10.00			75	23.9	63	17.0	54	12.2	48	10	260		29.65			30.09	AA		30.10
11	1254	11	FEW045 BKN060	10.00			75	23.9	63	17.0	54	12.2	48	7	270		29.64			30.08	AA		30.09
11	1354	11	SCT050 BKN060 BKN150	10.00			75	23.9	62	16.7	53	11.7	46	7	280		29.63			30.07	AA		30.08
11	1454	11	SCT050 BKN055 BKN160	10.00			76	24.4	63	17.2	54	12.2	47	8	300		29.61			30.05	AA		30.06
11	1554	11	SCT050 BKN180	10.00			74	23.3	62	16.7	54	12.2	50	9	320		29.61			30.04	AA		30.06
11	1654	11	FEW050 SCT160 SCT200	10.00			75	23.9	63	17.2	55	12.8	50	5	280		29.60			30.04	AA		30.05
11	1754	11	FEW047 SCT160 SCT220	10.00			74	23.3	63	17.0	55	12.8	52	6	VR		29.59			30.03	AA		30.04
11	1854	11	FEW048 SCT160 SCT240	10.00			68	20.0	60	15.5	54	12.2	61	5	340		29.59			30.02	AA		30.04
11	1954	11	FEW160 SCT240	10.00			66	18.9	60	15.3	55	12.8	68	0	000		29.59			30.03	AA		30.04
11	2054	11	FEW160 SCT260	10.00			64	17.8	59	15.2	56	13.3	75	0	000		29.60			30.03	AA		30.05
11	2154	11	SCT190 BKN220	10.00			61	16.1	58	14.2	55	12.8	81	0	000		29.60			30.04	AA		30.05
11	2254	11	SCT150 BKN200	10.00			62	16.7	59	15.0	57	13.9	84	0	000		29.60			30.04	AA		30.05
11	2354	11	BKN150 OVC190	10.00			62	16.7	59	15.0	57	13.9	84	0	000		29.60			30.03	AA		30.05
12	0054	11	BKN150 OVC180	10.00			62	16.7	59	14.7	56	13.3	81	3	120		29.59			30.03	AA		30.04
12	0154	11	SCT080 OVC140	10.00			60	15.6	58	14.2	56	13.3	87	3	120		29.59			30.02	AA		30.04
12	0254	11	BKN085 BKN140	10.00			61	16.1	58	14.5	56	13.3	84	0	000		29.58			30.01	AA		30.03
12	0354	11	BKN085	10.00			60	15.6	57	13.9	55	12.8	84	0	000		29.57			30.01	AA		30.02
12	0454	11	BKN085	10.00			59	15.0	57	13.7	55	12.8	87	0	000		29.58			30.01	AA		30.03
12	0554	11	FEW040 SCT085 SCT180	10.00			59	15.0	57	13.7	55	12.8	87	0	000		29.58			30.01	AA		30.03
12	0654	11	SCT100 SCT180	10.00			64	17.8	60	15.5	57	13.9	78	0	000		29.58			30.02	AA		30.03
12	0754	11	SCT017 SCT100 BKN180	10.00			70	21.1	63	17.4	59	15.0	68	7	230		29.59			30.02	AA		30.04
12	0854	11	SCT043 SCT100 BKN180	10.00			71	21.7	64	17.9	60	15.6	68	5	260		29.58			30.01	AA		30.03
12	0954	11	CLR043 CLR220	10.00			74	23.3	65	18.5	60	15.6	62	5	VR		29.57			30.01	AA		30.02
12	1054	11	SCT070 SCT140 BKN220	10.00			76	24.4	63	17.4	55	12.8	48	8	260		29.56			30.00	AA		30.01
12	1154	11	SCT049 SCT070 BKN140	10.00			79	26.1	66	18.6	57	13.9	47	8	280		29.55			29.98	AA		30.00
12	1254	11	SCT065 SCT140 BKN200	10.00			79	26.1	66	18.6	57	13.9	47	9	240		29.53			29.96	AA		29.98
12	1354	11	SCT048 SCT140 BKN200	10.00			81	27.2	66	18.9	57	13.9	44	8	240		29.52			29.95	AA		29.97
12	1454	11	SCT050 BKN065 BKN130	10.00			77	25.0	64	17.9	56	13.3	48	7	290		29.51			29.94	AA		29.96
12	1554	11	SCT060 BKN075 OVC130	10.00			77	25.0	65	18.5	58	14.4	52	6	VR		29.50			29.93	AA		29.95
12	1654	11	SCT070 BKN140 BKN210	10.00			76	24.4	66	18.6	59	15.0	56	5	350		29.48			29.92	AA		29.93
12	1754	11	BKN060 BKN120 OVC140	10.00			73	22.8	66	18.9	62	16.7	69	6	060		29.47			29.90	AA		29.92
12	1854	11	FEW080 BKN100 BKN140	10.00			71	21.7	65	18.5	62	16.7	73	3	090		29.46			29.90	AA		29.91
12	1954	11	SCT075 BKN120 BKN210	10.00			70	21.1	65	18.3	62	16.7	76	3	100		29.45			29.88	AA		29.90
12	2054	11	FEW055 SCT110 BKN210	10.00			69	20.6	64	17.8	61	16.1	76	5	140		29.44			29.88	AA		29.89
12	2154	11	FEW130 SCT210 BKN260	10.00			68	20.0	64	17.6	61	16.1	78	3	170		29.44			29.88	AA		29.89
12	2254	11	BKN070 BKN200	10.00			67	19.4	64	17.7	62	16.7	84	3	120		29.42			29.85	AA		29.87
12	2354	11	BKN070 OVC120	10.00			69	20.6	64	17.8	61	16.1	76	0	000		29.40			29.83	AA		29.85
13	0054	11	BKN060 OVC120	10.00			70	21.1	64	18.0	61	16.1	73	0	000		29.38			29.82	AA		29.83
13	0154	11	BKN060 BKN085 OVC120	10.00			69	20.6	64	17.8	61	16.1	76	5	180		29.36			29.79	AA		29.81
13	0254	11	SCT044 BKN080 OVC100	10.00			67	19.4	65	18.0	63	17.2	87	6	210		29.35			29.78	AA	0.04	29.80
13	0333	11	FEW024 BKN041 OVC070	2.00	RA BR		66	19.0	65	18.2	64	18.0	93	5	200		29.36			M	SP		29.81
13	0345	11	FEW024 BKN070 OVC080	4.00	RA BR		66	19.0	64	17.8	63	17.0	90	6	180		29.36			M	SP		29.81
13	0354	11	FEW040 BKN090 OVC110	5.00	RA BR		66	18.9	64	17.8	63	17.2	90	7	200		29.36			29.79	AA	0.18	29.81
13	0454	11	SCT055 BKN075 OVC100	5.00	RA BR		65	18.3	63	17.3	62	16.7	90	10	190		29.35			29.79	AA	0.15	29.80
13	0554	11	SCT080 BKN095 OVC110	5.00	RA BR		65	18.3	63	17.3	62	16.7	90	5	140		29.34			29.77	AA	0.17	29.78
13	0654	11	SCT075 BKN110 OVC200	8.00	-RA		65	18.3	64	17.6	63	17.2	93	3	100		29.30			29.73	AA	0.04	29.75
13	0754	11	FEW075 SCT110 SCT140	10.00			67	19.4	65	18.4	64	17.8	90	7	180		29.30			29.73	AA	T	29.75
13	0854	11	FEW023 SCT046 BKN110	10.00			71	21.7	67	19.2	64	17.8	79	7	160		29.31			29.74	AA		29.76
13	0954	11	OVC036	10.00			72	22.2	67	19.4	64	17.8	76	5	240		29.31			29.75	AA		29.76
13	1054	11	SCT038 BKN049 OVC065	10.00	-RA		72	22.2	68	19.7	65	18.3	79	5	330		29.30			29.73	AA	T	29.75
13	1154	11	SCT020 SCT060 BKN200	10.00			77	25.0	69	20.3	64	17.8	64	9	240		29.28			29.71	AA	T	29.73
13	1254	11	SCT031 SCT070 BKN110	10.00			76	24.4	67	19.5	62	16.7	62	7	240		29.27			29.70	AA		29.72

13	1317	11	SCT027 BKN036 OVC095	2.50	+RA BR	66	19.0	64	17.8	63	17.0	90	15	300	29	29.29			M	SP		29.74
13	1330	11	SCT027 BKN041 OVC070	3.00	+RA BR	66	19.0	64	17.8	63	17.0	90	11	310	21	29.29			M	SP		29.74
13	1354	11	FEW036 BKN050 BKN110	10.00		72	22.2	68	19.7	65	18.3	79	9	290		29.28			29.71	AA	0.11	29.73
13	1454	11	FEW030 SCT075 BKN095	10.00		72	22.2	68	19.7	65	18.3	79	9	270		29.28			29.71	AA		29.73
13	1554	11	SCT022 BKN036 BKN095	10.00		73	22.8	66	18.9	62	16.7	69	13	290		29.29			29.72	AA		29.74
13	1654	11	SCT028 BKN035 BKN049	10.00		71	21.7	64	17.6	59	15.0	66	17	300	24	29.30			29.74	AA		29.75
13	1754	11	SCT030 BKN035 BKN075	10.00		68	20.0	60	15.7	55	12.8	63	20	300		29.34			29.76	AA		29.78
13	1854	11	FEW033 SCT065	10.00		66	18.9	59	14.7	53	11.7	63	14	290		29.34			29.78	AA		29.79
13	1954	11	SCT055	10.00		63	17.2	56	13.5	51	10.6	65	15	290	23	29.37			29.80	AA		29.82
13	2054	11	FEW032 BKN055	10.00		62	16.7	56	13.3	51	10.6	67	8	270		29.38			29.81	AA		29.83
13	2154	11	BKN036 OVC050	10.00		62	16.7	55	13.0	50	10.0	65	10	270		29.38			29.81	AA		29.83
13	2254	11	FEW034 OVC048	10.00		62	16.7	55	13.0	50	10.0	65	15	260		29.37			29.81	AA		29.82
13	2354	11	FEW026 BKN036 OVC055	10.00	-RA	57	13.9	54	12.0	51	10.6	80	9	260		29.38			29.82	AA	T	29.83
14	0054	11	SCT036 BKN048 OVC055	10.00		59	15.0	54	12.3	50	10.0	72	10	250		29.37			29.80	AA	T	29.82
14	0154	11	FEW031 SCT042 OVC055	10.00		59	15.0	53	11.7	48	8.9	67	16	250	23	29.36			29.80	AA		29.81
14	0254	11	OVC042	10.00		59	15.0	53	11.7	48	8.9	67	14	260		29.36			29.80	AA		29.81
14	0354	11	FEW046 OVC060	10.00		58	14.4	53	11.5	48	8.9	70	14	250		29.36			29.79	AA		29.81
14	0454	11	FEW045 OVC060	10.00		57	13.9	52	11.2	48	8.9	72	20	250		29.37			29.80	AA		29.82
14	0554	11	SCT035 BKN050 OVC070	10.00		57	13.9	53	11.5	49	9.4	75	16	250		29.38			29.82	AA		29.83
14	0618	11	FEW021 BKN027 OVC075	10.00		55	13.0	52	11.3	50	10.0	83	11	250		29.38			M	SP		29.83
14	0641	11	FEW020 SCT027 BKN075	10.00		57	14.0	53	11.8	50	10.0	78	15	250		29.38			M	SP		29.83
14	0654	11	SCT020 SCT027 BKN075	10.00		57	13.9	53	11.8	50	10.0	78	16	250	23	29.39			29.82	AA		29.84
14	0720	11	SCT016 BKN024 OVC038	10.00		57	14.0	54	12.3	52	11.0	83	15	260		29.39			M	SP		29.84
14	0730	11	BKN016 OVC024	10.00		57	14.0	54	12.3	52	11.0	83	14	260		29.40			M	SP		29.85
14	0754	11	BKN016 BKN022 OVC060	10.00		58	14.4	55	12.9	53	11.7	84	15	260		29.40			29.84	AA	T	29.85
14	0829	11	SCT016 BKN038	10.00		61	16.0	57	13.9	54	12.0	78	13	260		29.41			M	SP		29.86
14	0852	11	SCT014 BKN022 OVC040	10.00		61	16.0	57	13.9	54	12.0	78	15	270	21	29.42			M	SP		29.87
14	0854	11	BKN014 BKN022 OVC040	10.00		61	16.1	57	13.9	54	12.2	78	14	270	21	29.42			29.85	AA	T	29.87
14	0904	11	SCT014 BKN020 OVC032	10.00		63	17.0	58	14.6	55	13.0	75	10	280		29.42			M	SP		29.87
14	0911	11	FEW016 BKN025 OVC032	10.00		63	17.0	58	14.3	54	12.0	73	15	270	20	29.42			M	SP		29.87
14	0930	11	FEW021 BKN041 OVC055	10.00		63	17.0	58	14.3	54	12.0	73	15	270	25	29.43			M	SP		29.88
14	0954	11	FEW024 BKN050 BKN065	10.00		65	18.3	58	14.2	52	11.1	63	15	300	25	29.44			29.88	AA		29.89
14	1054	11	SCT032 BKN049	10.00		67	19.4	59	14.7	52	11.1	59	17	310	25	29.46			29.90	AA		29.91
14	1154	11	FEW031 BKN042 OVC060	10.00	-DZ	63	17.2	57	13.8	52	11.1	68	13	290		29.48			29.91	AA	T	29.93
14	1254	11	SCT031 BKN040 OVC060	10.00		64	17.8	57	14.0	52	11.1	65	18	280	24	29.50			29.94	AA	T	29.95
14	1354	11	SCT034 BKN049 BKN075	10.00		68	20.0	59	14.9	52	11.1	57	14	300	22	29.50			29.93	AA		29.95
14	1454	11	SCT035 BKN043 BKN075	10.00		70	21.1	59	15.1	51	10.6	51	16	290	26	29.50			29.94	AA		29.95
14	1554	11	FEW037 BKN047 BKN080	10.00		69	20.6	59	15.1	52	11.1	55	11	280		29.52			29.95	AA		29.97
14	1654	11	SCT040 BKN050 BKN080	10.00		67	19.4	58	14.1	50	10.0	55	11	290	22	29.53			29.97	AA		29.98
14	1754	11	FEW040 BKN080 BKN160	10.00		66	18.9	57	13.9	50	10.0	57	11	270		29.55			29.98	AA		30.00
14	1854	11	FEW038 SCT070	10.00		64	17.8	56	13.2	49	9.4	58	11	270		29.56			30.00	AA		30.01
14	1954	11	FEW038 SCT075 SCT200	10.00		62	16.7	55	12.7	49	9.4	63	9	270		29.57			30.01	AA		30.02
14	2054	11	FEW035 SCT075 SCT200	10.00		60	15.6	54	12.2	49	9.4	67	8	250		29.58			30.02	AA		30.03
14	2154	11	FEW035 SCT070	10.00		59	15.0	54	12.0	49	9.4	70	10	250		29.59			30.03	AA		30.04
14	2254	11	FEW036	10.00		59	15.0	54	12.0	49	9.4	70	9	250		29.60			30.04	AA		30.05
14	2354	11	FEW038	10.00		56	13.3	52	11.2	49	9.4	78	6	250		29.61			30.05	AA		30.06
15	0054	11	FEW040	10.00		55	12.8	52	11.0	49	9.4	80	6	240		29.61			30.05	AA		30.06
15	0154	11	CLR	10.00		55	12.8	52	11.0	49	9.4	80	7	250		29.61			30.05	AA		30.06
15	0254	11	CLR	10.00		55	12.8	52	11.3	50	10.0	83	6	240		29.61			30.05	AA		30.06
15	0354	11	FEW039	10.00		56	13.3	53	11.5	50	10.0	80	8	240		29.62			30.06	AA		30.07
15	0454	11	FEW036	10.00		55	12.8	52	11.0	49	9.4	80	6	250		29.64			30.08	AA		30.09
15	0554	11	FEW037 SCT055	10.00		57	13.9	53	11.8	50	10.0	78	6	230		29.65			30.09	AA		30.10
15	0654	11	FEW032 SCT055	10.00		60	15.6	55	12.8	51	10.6	72	10	230		29.67			30.11	AA		30.12
15	0754	11	SCT055	10.00		63	17.2	57	13.8	52	11.1	68	14	250		29.68			30.12	AA		30.13
15	0854	11	SCT055	10.00		67	19.4	60	15.3	54	12.2	63	14	250	18	29.68			30.11	AA		30.13
15	0954	11	SCT035 SCT055	10.00		69	20.6	59	15.1	52	11.1	55	10	270	18	29.68			30.11	AA		30.13
15	1054	11	FEW043 SCT055	10.00		70	21.1	59	15.1	51	10.6	51	14	250	23	29.67			30.11	AA		30.12
15	1154	11	SCT047 BKN060	10.00		71	21.7	59	15.0	50	10.0	48	9	260		29.67			30.10	AA		30.12
15	1254	11	SCT049 BKN065	10.00		72	22.2	60	15.5	51	10.6	48	13	240	22	29.65			30.09	AA		30.10
15	1354	11	SCT065 SCT200	10.00		74	23.3	62	16.5	53	11.7	48	7	290		29.64			30.08	AA		30.09
15	1454	11	SCT055 BKN070 BKN200	10.00		75	23.9	61	16.2	51	10.6	43	6	290		29.62			30.06	AA		30.07
15	1554	11	SCT060 SCT075 BKN200	10.00		75	23.9	61	15.9	50	10.0	42	7	260	16	29.61			30.05	AA		30.06
15	1654	11	SCT055 BKN210	10.00		73	22.8	61	16.3	53	11.7	50	8	320		29.61			30.05	AA		30.06
15	1754	11	FEW055 SCT210	10.00		71	21.7	60	15.6	52	11.1	51	10	310		29.62			30.06	AA		30.07
15	1854	11	FEW055 SCT150 SCT210	10.00		67	19.4	58	14.4	51	10.6	57	3	320		29.64			30.07	AA		30.09
15	1954	11	FEW050 SCT210	10.00		65	18.3	58	14.2	52	11.1	63	0	000		29.65			30.09	AA		30.10
15	2054	11	FEW050 SCT200	10.00		62	16.7	57	13.8	53	11.7	73	0	000		29.67			30.10	AA		30.12
15	2154	11	FEW200	10.00		60	15.6	56	13.4	53	11.7	78	3	100		29.67			30.11	AA		30.12
15	2254	11	FEW210	10.00		60	15.6	56	13.4	53	11.7	78	0	000		29.68			30.12	AA		30.13
15	2354	11	FEW220 SCT260	10.00		58	14.4	55	12.9	53	11.7	84	0	000		29.68			30.11	AA		30.13
16	0054	11	FEW240 BKN270	10.00		58	14.4	55	12.6	52	11.1	81	0	000		29.67			30.10	AA		30.12
16	0154	11	BKN260	10.00		59	15.0	55	12.5	51	10.6	75	0	000		29.67			30.10	AA		30.12
16	0254	11	SCT270	10.00		56	13.3	53	11.8	51	10.6	83	0	000		29.67			30.10	AA		30.12
16	0354	11	SCT260	10.00		55	12.8	53	11.5	51	10.6	86	0	000		29.67			30.11	AA		30.12
16	0454	11	FEW200	10.00		54	12.2	52	11.0	50	10.0	86	0	000		29.69			30.12	AA		30.14
16	0554	11	FEW220	10.00		53	11.7	51	10.7	50	10.0	90	3	110		29.70			30.14	AA		30.15
16	0654	11	FEW038 SCT220	10.00		59	15.0	55	12.8	52	11.1	78	3	110		29.71			30.15	AA		30.16
16	0754	11	FEW038 SCT220	10.00		65	18.3	59	14.8	54	12.2	68	0	000		29.72			30.15	AA		30.17
16	0854	11	FEW038 SCT140 SCT250	10.00		69	20.6	60	15.7	54	12.2	59	6	270		29.72			30.16	AA		30.17
16	0954	11	SCT050 SCT140 SCT250	10.00		71	21.7	62	16.4	55	12.8	57	7	270		29.73			30.16	AA		30.18
16	1054	11	SCT055 SCT250	10.00		73	22.8	60	15.5	50	10.0	44	10	240		29.73			30.16	AA		30.18
16	1154	11	SCT065 SCT250	10.00		75	23.9	61	15.9	50	10.0	42	10	290		29.72			30.16	AA		30.17
16	1254	11	SCT050 SCT250	10.00		74	23.3	60	15.7	50	10.0	43	8	280		29.71			30.15	AA		30.16
16	1354	11	SCT055 BKN250	10.00		74	23.3	61	16.0	51	10.6	45	8	270		29.72			30.15	AA		30.17
16	1454	11	BKN055	10.00		76	24.4	62	16.4	51	10.6	42	6	240		29.71			30.15	AA		30.16
16	1554	11	BKN070 BKN085	10.00		75	23.9	62	16.4	52	11.1	45	5	330		29.71			30.15	AA		30.16
16	1654	11	SCT065	10.00		76	24.4	62	16.9	53	11.7	45	6	320		29.72			30.15	AA		30.17
16	1754	11	FEW065	10.00		74	23.3	62	16.5	53	11.7	48	6	260		29.72			30.16	AA		30.17
16	1854	11	FEW210	10.00		70	21.1	60	15.4	52	11.1	53	6	270		29.73			30.17	AA		30.18
16	1954	11	FEW210	10.00		65	18.3	59	14.8	54	12.2	68	0	000		29.75			30.18	AA		30.20
16	2054	11	CLR	10.00		61	16.1	58	14.2	55	12.8	81	3	150		29.76			30.19	AA		30.21

16	2154	11	CLR	10.00		61	16.1	58	14.2	55	12.8	81	3	120		29.75			30.19	AA		30.20
16	2254	11	FEW070	10.00		61	16.1	57	13.9	54	12.2	78	0	000		29.77			30.20	AA		30.22
16	2354	11	FEW075	10.00		59	15.0	56	13.1	53	11.7	81	3	130		29.78			30.22	AA		30.23
17	0054	11	FEW065 SCT260	10.00		57	13.9	54	12.3	52	11.1	83	3	130		29.79			30.23	AA		30.24
17	0154	11	FEW060 SCT250	10.00		55	12.8	53	11.5	51	10.6	86	3	110		29.79			30.23	AA		30.24
17	0254	11	CLR	10.00		55	12.8	53	11.5	51	10.6	86	0	000		29.81			30.24	AA		30.26
17	0354	11	CLR	10.00		54	12.2	52	11.3	51	10.6	90	3	110		29.81			30.25	AA		30.26
17	0454	11	CLR	10.00		53	11.7	51	10.7	50	10.0	90	3	110		29.83			30.27	AA		30.28
17	0554	11	CLR	10.00		54	12.2	52	11.3	51	10.6	90	0	000		29.84			30.27	AA		30.29
17	0654	11	FEW260	10.00		59	15.0	56	13.1	53	11.7	81	0	000		29.85			30.29	AA		30.30
17	0754	11	FEW260	10.00		63	17.2	58	14.4	54	12.2	73	0	000		29.84			30.27	AA		30.29
17	0854	11	FEW240 SCT260	10.00		68	20.0	62	16.4	57	13.9	68	0	000		29.85			30.29	AA		30.30
17	0954	11	FEW035 SCT250	10.00		72	22.2	63	16.9	56	13.3	57	3	150		29.86			30.29	AA		30.31
17	1054	11	FEW045 SCT260	10.00		75	23.9	64	17.8	57	13.9	54	3	VR		29.85			30.29	AA		30.30
17	1154	11	FEW048 SCT260	10.00		78	25.6	65	18.1	56	13.3	47	5	VR		29.84			30.27	AA		30.29
17	1254	11	SCT055 BKN070 BKN260	10.00		80	26.7	65	18.5	56	13.3	44	3	VR		29.82			30.26	AA		30.27
17	1354	11	SCT055 BKN250	10.00		78	25.6	64	17.8	55	12.8	45	3	080		29.81			30.24	AA		30.26
17	1454	11	FEW055 BKN250	10.00		80	26.7	65	18.5	56	13.3	44	0	000		29.80			30.24	AA		30.25
17	1554	11	FEW050 BKN250	10.00		79	26.1	66	18.6	57	13.9	47	3	040		29.80			30.24	AA		30.25
17	1654	11	FEW050 BKN250	10.00		79	26.1	67	19.2	59	15.0	50	7	350		29.80			30.23	AA		30.25
17	1754	11	FEW050 SCT250	10.00		76	24.4	66	18.9	60	15.6	58	3	030		29.80			30.23	AA		30.25
17	1854	11	FEW050 BKN250	10.00		72	22.2	64	17.8	59	15.0	64	3	020		29.79			30.23	AA		30.24
17	1954	11	SCT250	10.00		67	19.4	62	16.4	58	14.4	73	0	000		29.80			30.23	AA		30.25
17	2054	11	SCT250	10.00		66	18.9	61	16.2	58	14.4	76	0	000		29.81			30.25	AA		30.26
17	2154	11	SCT250	10.00		65	18.3	61	16.0	58	14.4	78	3	110		29.81			30.24	AA		30.26
17	2254	11	BKN250	10.00		65	18.3	61	16.3	59	15.0	81	0	000		29.81			30.24	AA		30.26
17	2354	11	OVC250	10.00		61	16.1	59	14.8	57	13.9	87	3	120		29.81			30.24	AA		30.26
18	0054	11	OVC250	10.00		62	16.7	59	15.0	57	13.9	84	0	000		29.80			30.24	AA		30.25
18	0154	11	OVC250	10.00		61	16.1	58	14.5	56	13.3	84	3	120		29.80			30.24	AA		30.25
18	0254	11	OVC250	10.00		60	15.6	58	14.2	56	13.3	87	3	100		29.80			30.23	AA		30.25
18	0354	11	OVC250	10.00		59	15.0	57	14.0	56	13.3	90	0	000		29.79			30.23	AA		30.24
18	0454	11	SCT220 BKN250	10.00		59	15.0	57	14.0	56	13.3	90	0	000		29.80			30.23	AA		30.25
18	0554	11	FEW050 SCT200 BKN250	10.00		59	15.0	57	14.0	56	13.3	90	0	000		29.81			30.24	AA		30.26
18	0654	11	FEW050 BKN200 BKN250	10.00		60	15.6	58	14.6	57	13.9	90	3	100		29.81			30.25	AA		30.26
18	0754	11	BKN150 BKN250	10.00		63	17.2	60	15.6	58	14.4	84	0	000		29.82			30.25	AA		30.27
18	0854	11	SCT150 BKN250	10.00		68	20.0	62	16.7	58	14.4	71	0	000		29.81			30.25	AA		30.26
18	0954	11	FEW050 SCT150 BKN250	10.00		70	21.1	64	17.7	60	15.6	71	0	000		29.81			30.24	AA		30.26
18	1054	11	FEW050 BKN150 OVC250	10.00		73	22.8	65	18.3	60	15.6	64	0	000		29.79			30.23	AA		30.24
18	1154	11	FEW050 SCT150 OVC200	10.00		77	25.0	65	18.5	58	14.4	52	0	000		29.78			30.21	AA		30.23
18	1254	11	FEW045 SCT180 BKN240	10.00		78	25.6	67	19.3	60	15.6	54	5	030		29.75			30.19	AA		30.20
18	1354	11	FEW048 SCT200 BKN260	10.00		79	26.1	67	19.2	59	15.0	50	3	030		29.73			30.16	AA		30.18
18	1454	11	FEW055 SCT200 BKN260	10.00		78	25.6	66	18.7	58	14.4	50	3	050		29.71			30.14	AA		30.16
18	1554	11	SCT060 BKN200 BKN260	10.00		78	25.6	67	19.6	61	16.1	56	6	360		29.70			30.13	AA		30.15
18	1654	11	SCT055 BKN200 BKN260	10.00		77	25.0	66	19.1	60	15.6	56	5	040		29.70			30.13	AA		30.15
18	1754	11	FEW050 BKN200 BKN260	10.00		76	24.4	66	18.6	59	15.0	56	3	060		29.69			30.12	AA		30.14
18	1854	11	FEW048 SCT220 BKN260	10.00		73	22.8	64	18.0	59	15.0	62	0	000		29.68			30.11	AA		30.13
18	1954	11	SCT220 SCT260	10.00		67	19.4	62	16.7	59	15.0	76	0	000		29.67			30.11	AA		30.12
18	2054	11	SCT220 SCT260	10.00		67	19.4	63	17.1	60	15.6	78	0	000		29.67			30.11	AA		30.12
18	2154	11	SCT220 BKN260	10.00		66	18.9	62	16.8	60	15.6	81	0	000		29.67			30.11	AA		30.12
18	2254	11	SCT200 BKN260	10.00		65	18.3	62	16.6	60	15.6	84	0	000		29.67			30.10	AA		30.12
18	2354	11	SCT200 BKN260	10.00		64	17.8	61	16.1	59	15.0	84	0	000		29.66			30.09	AA		30.11
19	0054	11	SCT170 BKN220	10.00		64	17.8	61	16.1	59	15.0	84	0	000		29.66			30.09	AA		30.11
19	0154	11	SCT055 BKN170 OVC220	10.00		66	18.9	61	16.2	58	14.4	76	0	000		29.65			30.09	AA		30.10
19	0254	11	FEW055 SCT170 OVC220	10.00		63	17.2	61	15.9	59	15.0	87	0	000		29.64			30.08	AA		30.09
19	0354	11	SCT170 OVC220	10.00		62	16.7	60	15.6	59	15.0	90	0	000		29.64			30.07	AA		30.09
19	0454	11	SCT170 BKN220	10.00		61	16.1	59	15.1	58	14.4	90	0	000		29.65			30.09	AA		30.10
19	0554	11	SCT210 BKN260	10.00		60	15.6	58	14.6	57	13.9	90	0	000		29.66			30.09	AA		30.11
19	0654	11	SCT200 BKN250	10.00		64	17.8	62	16.4	60	15.6	87	0	000		29.66			30.10	AA		30.11
19	0754	11	FEW200 SCT250	10.00		71	21.7	65	18.2	61	16.1	71	7	240		29.65			30.09	AA		30.10
19	0854	11	SCT250	10.00		73	22.8	66	18.6	61	16.1	66	6	220		29.65			30.08	AA		30.10
19	0954	11	SCT200 SCT250	10.00		76	24.4	67	19.5	62	16.7	62	6	250		29.63			30.06	AA		30.08
19	1054	11	SCT042 SCT200	10.00		79	26.1	67	19.2	59	15.0	50	3	280		29.63			30.06	AA		30.08
19	1154	11	SCT055 BKN200	10.00		81	27.2	65	18.4	55	12.8	41	8	230		29.62			30.05	AA		30.07
19	1254	11	SCT055 BKN200	10.00		82	27.8	66	18.6	55	12.8	40	7	VR		29.60			30.03	AA		30.05
19	1354	11	SCT060 BKN200	10.00		83	28.3	66	19.0	56	13.3	40	10	290		29.59			30.02	AA		30.04
19	1454	11	BKN060 BKN150 BKN210	10.00		79	26.1	67	19.2	59	15.0	50	7	320		29.58			30.02	AA		30.03
19	1554	11	FEW060 SCT150 SCT210	10.00		81	27.2	67	19.5	59	15.0	47	9	320		29.58			30.02	AA		30.03
19	1654	11	FEW050 SCT130	10.00		81	27.2	66	19.0	57	13.9	44	8	300		29.58			30.01	AA		30.03
19	1707	11	FEW002	10.00		81	27.0	66	19.0	57	14.0	44	10	310		29.58			M	SP		30.03
19	1754	11	FEW050	10.00		78	25.6	65	18.1	56	13.3	47	8	330		29.58			30.01	AA		30.03
19	1854	11	FEW050 SCT200	10.00		73	22.8	63	17.4	57	13.9	57	5	330		29.57			30.00	AA		30.02
19	1954	11	FEW110 SCT200	10.00		71	21.7	62	16.7	56	13.3	59	0	000		29.58			30.01	AA		30.03
19	2054	11	BKN050	10.00		68	20.0	62	16.6	58	14.4	71	0	000		29.59			30.02	AA		30.04
19	2154	11	SCT048	10.00		66	18.9	61	16.2	58	14.4	76	0	000		29.60			30.03	AA		30.05
19	2254	11	FEW050	10.00		65	18.3	61	16.3	59	15.0	81	3	150		29.60			30.04	AA		30.05
19	2354	11	CLR	10.00		65	18.3	61	16.3	59	15.0	81	0	000		29.60			30.03	AA		30.05
20	0054	11	FEW240	10.00		64	17.8	60	15.8	58	14.4	81	0	000		29.60			30.03	AA		30.05
20	0154	11	CLR	10.00		62	16.7	60	15.3	58	14.4	87	3	320		29.61			30.04	AA		30.06
20	0254	11	CLR	10.00		60	15.6	58	14.6	57	13.9	90	0	000		29.61			30.05	AA		30.06
20	0354	11	CLR	10.00		60	15.6	58	14.6	57	13.9	90	3	100		29.62			30.06	AA		30.07
20	0454	11	FEW060	10.00		59	15.0	58	14.3	57	13.9	93	0	000		29.63			30.07	AA		30.08
20	0554	11	SCT060	7.00		60	15.6	58	14.6	57	13.9	90	0	000		29.65			30.08	AA		30.10
20	0654	11	SCT100	9.00		63	17.2	61	15.9	59	15.0	87	0	000		29.67			30.11	AA		30.12
20	0754	11	FEW200	10.00		69	20.6	65	18.1	62	16.7	79	0	000		29.68			30.11	AA		30.13
20	0854	11	SCT200	10.00		75	23.9	66	19.0	61	16.1	62	8	230		29.68			30.11	AA		30.13
20	0954	11	SCT280	10.00		78	25.6	68	20.2	63	17.2	60	9	240		29.68			30.11	AA		30.13
20	1054	11	FEW046	10.00		80	26.7	69	20.6	63	17.2	56	8	240		29.68			30.11	AA		30.13
20	1154	11	SCT047	10.00		82	27.8	69	20.6	62	16.7	51	11	250		29.68			30.11	AA		30.13
20	1254	11	SCT047	10.00		82	27.8	68	20.0	60	15.6	47	10	270		29.67			30.10	AA		30.12
20	1354	11	SCT050	10.00		84	28.9	69	20.4	60	15.6	44	10	240		29.66			30.09	AA		30.11
20	1454	11	SCT055	10.00		84	28.9	68	20.1	59	15.0	43	11	250	21	29.65			30.09	AA		30.10
20	1554	11	SCT055	10.00		83	28.3	68	19.9	59	15.0	44	7	240		29.65			30.08	AA		30.10

20	1654	11	SCT055	10.00		82	27.8	68	20.0	60	15.6	47	6	240		29.64			30.08	AA		30.09
20	1754	11	CLR	10.00		80	26.7	69	20.2	62	16.7	54	6	330		29.65			30.08	AA		30.10
20	1854	11	FEW180	10.00		75	23.9	67	19.6	63	17.2	66	0	000		29.65			30.08	AA		30.10
20	1954	11	CLR	10.00		72	22.2	66	19.0	63	17.2	73	0	000		29.66			30.09	AA		30.11
20	2054	11	CLR	10.00		71	21.7	66	18.8	63	17.2	76	0	000		29.67			30.11	AA		30.12
20	2154	11	CLR	10.00		70	21.1	65	18.3	62	16.7	76	3	120		29.67			30.11	AA		30.12
20	2254	11	CLR	10.00		68	20.0	64	17.6	61	16.1	78	0	000		29.68			30.11	AA		30.13
20	2354	11	CLR	9.00		65	18.3	63	16.9	61	16.1	87	3	100		29.68			30.12	AA		30.13
21	0054	11	CLR	9.00		66	18.9	62	16.8	60	15.6	81	0	000		29.68			30.11	AA		30.13
21	0154	11	CLR	9.00		63	17.2	61	15.9	59	15.0	87	0	000		29.68			30.12	AA		30.13
21	0254	11	CLR	8.00		63	17.2	61	15.9	59	15.0	87	3	100		29.69			30.12	AA		30.14
21	0354	11	CLR	8.00		62	16.7	60	15.3	58	14.4	87	3	140		29.70			30.13	AA		30.15
21	0454	11	CLR	8.00		61	16.1	59	15.1	58	14.4	90	3	110		29.70			30.14	AA		30.15
21	0554	11	CLR	7.00		62	16.7	60	15.3	58	14.4	87	3	110		29.71			30.14	AA		30.16
21	0654	11	CLR	7.00		66	18.9	62	16.8	60	15.6	81	3	120		29.71			30.15	AA		30.16
21	0754	11	CLR	9.00		71	21.7	65	18.5	62	16.7	73	0	000		29.72			30.15	AA		30.17
21	0854	11	FEW042	10.00		78	25.6	68	19.9	62	16.7	58	3	260		29.72			30.15	AA		30.17
21	0954	11	SCT046	10.00		81	27.2	69	20.4	62	16.7	53	5	230		29.72			30.15	AA		30.17
21	1054	11	SCT048	10.00		83	28.3	70	21.1	63	17.2	51	6	VR		29.71			30.14	AA		30.16
21	1154	11	SCT050	10.00		84	28.9	70	21.0	62	16.7	48	9	300		29.69			30.13	AA		30.14
21	1254	11	SCT055 SCT200	10.00		85	29.4	70	20.8	61	16.1	45	9	270		29.68			30.11	AA		30.13
21	1354	11	SCT050 BKN200	10.00		86	30.0	70	21.3	62	16.7	45	6	240		29.66			30.10	AA		30.11
21	1454	11	SCT055 SCT230	10.00		86	30.0	69	20.7	60	15.6	42	8	260		29.64			30.07	AA		30.09
21	1554	11	SCT060	10.00		85	29.4	69	20.5	60	15.6	43	5	VR		29.63			30.06	AA		30.08
21	1654	11	FEW060	10.00		84	28.9	69	20.4	60	15.6	44	8	230		29.61			30.05	AA		30.06
21	1754	11	FEW060 SCT210	10.00		82	27.8	68	20.0	60	15.6	47	7	220		29.59			30.02	AA		30.04
21	1854	11	FEW060 SCT210	10.00		79	26.1	67	19.4	60	15.6	52	6	200		29.59			30.02	AA		30.04
21	1954	11	FEW080 SCT210	10.00		77	25.0	68	19.7	62	16.7	60	3	160		29.58			30.01	AA		30.03
21	2054	11	FEW080 SCT210	10.00		73	22.8	66	18.9	62	16.7	69	5	140		29.57			30.01	AA		30.02
21	2154	11	FEW180 SCT230	10.00		69	20.6	65	18.1	62	16.7	79	3	130		29.57			30.01	AA		30.02
21	2254	11	FEW260	10.00		69	20.6	64	17.8	61	16.1	76	0	000		29.57			30.01	AA		30.02
21	2354	11	SCT260	10.00		68	20.0	64	17.6	61	16.1	78	3	130		29.57			30.01	AA		30.02
22	0054	11	FEW070 SCT270	10.00		67	19.4	63	17.4	61	16.1	81	6	330		29.58			30.01	AA		30.03
22	0154	11	FEW065 BKN260	10.00		66	18.9	63	17.2	61	16.1	84	0	000		29.58			30.01	AA		30.03
22	0254	11	BKN270	10.00		66	18.9	63	17.2	61	16.1	84	3	110		29.55			29.98	AA		30.00
22	0354	11	BKN260	10.00		66	18.9	62	16.8	60	15.6	81	0	000		29.53			29.96	AA		29.98
22	0454	11	FEW250	10.00		65	18.3	62	16.6	60	15.6	84	3	140		29.52			29.96	AA		29.97
22	0554	11	FEW260	8.00		66	18.9	63	17.2	61	16.1	84	3	120		29.53			29.96	AA		29.98
22	0654	11	SCT260	7.00		69	20.6	65	18.1	62	16.7	79	3	130		29.54			29.97	AA		29.99
22	0754	11	FEW046 SCT260	10.00		76	24.4	68	20.1	64	17.8	67	5	190		29.53			29.96	AA		29.98
22	0854	11	SCT045 SCT260	10.00		82	27.8	70	21.2	64	17.8	55	10	250		29.52			29.95	AA		29.97
22	0954	11	SCT040 SCT200	10.00		82	27.8	71	21.9	66	18.9	58	10	250		29.52			29.95	AA		29.97
22	1054	11	SCT045 SCT200	10.00		85	29.4	72	22.4	66	18.9	53	9	230		29.50			29.93	AA		29.95
22	1154	11	SCT070 BKN200	10.00		86	30.0	73	22.5	66	18.9	51	13	250		29.48			29.91	AA		29.93
22	1254	11	SCT039 SCT048 OVC220	10.00		87	30.6	73	23.0	67	19.4	52	11	250		29.46			29.89	AA		29.91
22	1354	11	SCT044 OVC220	10.00		88	31.1	73	22.8	66	18.9	48	11	250	18	29.43			29.86	AA		29.88
22	1440	11	FEW037 BKN049TCU BKN080	9.00		79	26.0	70	21.3	66	19.0	65	11	320	25	29.42			M	SP		29.87
22	1454	11	FEW037 SCT049CB CLR110	10.00		80	26.7	70	20.9	64	17.8	58	9	330		29.42			29.85	AA	T	29.87
22	1549	11	CLR006 CLR014 CLR047	0.75		73	23.0	M	M	70	21.0	M	28	270	34	M			M	SP		29.91
22	1552	11	M	0.75		M	M	M	M	M	M	M	22	270	34	M			M	SP		M
22	1554	11	CLR010 CLR016CB CLR060	1.00		71	21.7	M	M	69	20.6	M	20	260	34	M			29.90	AA	0.27s	29.92
22	1555	11	M	1.00		M	M	M	M	M	M	M	18	260	34	M			M	SP		M
22	1556	11	OVC	1.00		71	21.7	70	20.9	69	20.6	93	18	260	34	29.47	3	003	29.90	SP		M
22	1605	11	SCT012 BKN027CB OVC070	3.00	TSRA BR	72	22.0	71	21.4	70	21.0	93	11	280		29.46			M	SP		29.91
22	1608	11	SCT012 BKN031CB OVC100	3.00	TSRA BR	72	22.0	71	21.4	70	21.0	93	10	290		29.46			M	SP		29.91
22	1626	11	SCT034 BKN080 OVC100	3.00	RA BR	72	22.0	69	20.7	68	20.0	87	9	280		29.45			M	SP		29.90
22	1654	11	FEW008 BKN031 OVC090	8.00		72	22.2	70	21.1	69	20.6	90	6	220		29.45			29.89	AA	0.12	29.90
22	1718	11	FEW008 BKN014 OVC029	8.00		72	22.0	71	21.4	70	21.0	93	8	250		29.45			M	SP		29.90
22	1754	11	BKN012 BKN100 OVC150	7.00		72	22.2	70	21.1	69	20.6	90	8	250		29.44			29.88	AA		29.89
22	1807	11	SCT010 BKN090 OVC150	7.00		73	23.0	71	21.6	70	21.0	90	8	250		29.45			M	SP		29.90
22	1843	11	BKN013 BKN027 OVC095	7.00		73	23.0	71	21.6	70	21.0	90	7	240		29.46			M	SP		29.91
22	1854	11	BKN011 BKN027 OVC100	6.00	BR	73	22.8	71	21.6	70	21.1	90	7	260		29.46			29.89	AA		29.91
22	1952	11	SCT008 SCT019 BKN240	5.00	BR	72	22.0	71	21.4	70	21.0	93	7	260		29.47			M	SP		29.92
22	1954	11	SCT008 SCT019 BKN240	5.00	BR	71	21.7	70	20.9	69	20.6	93	7	250		29.47			29.90	AA		29.92
22	2054	11	FEW012 SCT019 BKN240	5.00	BR	71	21.7	70	20.9	69	20.6	93	6	280		29.48			29.91	AA		29.93
22	2145	11	BKN009 BKN014 OVC230	4.00	BR	72	22.0	71	21.4	70	21.0	93	3	270		29.49			M	SP		29.94
22	2154	11	BKN009 OVC014	4.00	BR	71	21.7	70	20.9	69	20.6	93	5	270		29.49			29.92	AA		29.94
22	2203	11	BKN007 OVC012	4.00	BR	72	22.0	71	21.4	70	21.0	93	3	270		29.49			M	SP		29.94
22	2254	11	OVC005	3.00	BR	70	21.1	69	20.7	69	20.6	97	7	330		29.51			29.94	AA		29.96
22	2334	11	OVC003	2.50	BR	70	21.0	69	20.3	68	20.0	93	7	320		29.52			M	SP		29.97
22	2342	11	BKN003	3.00	BR	70	21.0	69	20.3	68	20.0	93	6	310		29.52			M	SP		29.97
22	2354	11	BKN003	3.00	BR	69	20.6	68	20.1	68	20.0	97	6	310		29.53			29.96	AA		29.98
23	0002	11	FEW003	2.50	BR	70	21.0	67	19.6	66	19.0	87	0	000		29.53			M	SP		29.98
23	0014	11	FEW003	3.00	BR	68	20.0	67	19.2	66	19.0	93	0	000		29.53			M	SP		29.98
23	0054	11	SCT003	3.00	BR	67	19.4	66	19.0	66	18.9	97	5	330		29.53			29.96	AA		29.98
23	0154	11	FEW004	4.00	BR	66	18.9	65	18.2	64	17.8	93	0	000		29.54			29.97	AA		29.99
23	0254	11	CLR	10.00		65	18.3	63	17.3	62	16.7	90	5	320		29.54			29.97	AA		29.99
23	0354	11	CLR	9.00		63	17.2	61	16.2	60	15.6	90	3	320		29.54			29.97	AA		29.99
23	0454	11	CLR	10.00		61	16.1	59	14.8	57	13.9	87	6	320		29.56			29.99	AA		30.01
23	0554	11	FEW250	10.00		60	15.6	58	14.2	56	13.3	87	3	320		29.59			30.02	AA		30.04
23	0654	11	FEW034 SCT260	10.00		62	16.7	59	14.7	56	13.3	81	5	300		29.61			30.05	AA		30.06
23	0754	11	SCT034 SCT240	10.00		64	17.8	59	15.2	56	13.3	75	0	000		29.63			30.06	AA		30.08
23	0854	11	SCT034 SCT240	10.00		66	18.9	61	15.9	57	13.9	73	0	000		29.64			30.08	AA		30.09
23	0954	11	SCT017 SCT034	10.00		69	20.6	62	16.9	58	14.4	68	6	300		29.65			30.08	AA		30.10
23	1001	11	BKN022	10.00		70	21.0	63	17.4	59	15.0	68	6	320		29.65			M	SP		30.10
23	1010	11	SCT022	10.00		70	21.0	62	16.8	57	14.0	64	0	000		29.65			M	SP		30.10
23	1054	11	SCT028	10.00		71	21.7	63	17.0	57	13.9	61	7	280		29.65			30.08	AA		30.10
23	1154	11	BKN035	10.00		72	22.2	63	16.9	56	13.3	57	7	VR		29.64			30.08	AA		30.09
23	1254	11	BKN043 BKN050	10.00		74	23.3	63	17.3	56	13.3	54	8	300		29.65			30.09	AA		30.10
23	1354	11	SCT037 SCT043	10.00		74	23.3	64	17.6	57	13.9	56	9	300		29.65			30.09	AA		30.10
23	1454	11	SCT036	10.00		74	23.3	64	17.6	57	13.9	56	11	330		29.66			30.09	AA		30.11

23	1554	11	SCT036	10.00		74	23.3	63	17.3	56	13.3	54	10	310	17	29.66			30.09	AA		30.11
23	1654	11	FEW037	10.00		73	22.8	63	17.1	56	13.3	55	9	360		29.67			30.10	AA		30.12
23	1754	11	FEW037	10.00		71	21.7	62	16.7	56	13.3	59	8	330		29.67			30.11	AA		30.12
23	1854	11	FEW035	10.00		67	19.4	61	15.8	56	13.3	68	6	340		29.68			30.12	AA		30.13
23	1954	11	FEW035	10.00		65	18.3	60	15.4	56	13.3	73	6	320		29.70			30.14	AA		30.15
23	2054	11	CLR	10.00		63	17.2	59	14.9	56	13.3	78	3	310		29.72			30.16	AA		30.17
23	2154	11	CLR	10.00		61	16.1	58	14.5	56	13.3	84	0	000		29.74			30.17	AA		30.19
23	2254	11	CLR	10.00		59	15.0	57	14.0	56	13.3	90	0	000		29.75			30.19	AA		30.20
23	2354	11	CLR	10.00		58	14.4	56	13.5	55	12.8	90	0	000		29.77			30.21	AA		30.22
24	0054	11	CLR	10.00		57	13.9	56	13.2	55	12.8	93	0	000		29.78			30.21	AA		30.23
24	0154	11	CLR	10.00		56	13.3	54	12.4	53	11.7	90	0	000		29.79			30.23	AA		30.24
24	0254	11	CLR	10.00		54	12.2	53	11.9	53	11.7	96	3	110		29.80			30.24	AA		30.25
24	0354	11	CLR	10.00		55	12.8	54	12.1	53	11.7	93	0	000		29.82			30.26	AA		30.27
24	0454	11	CLR	10.00		53	11.7	52	11.0	51	10.6	93	0	000		29.84			30.28	AA		30.29
24	0554	11	FEW260	10.00		52	11.1	51	10.8	51	10.6	96	0	000		29.87			30.31	AA		30.32
24	0654	11	FEW010 SCT250	10.00		57	13.9	55	12.9	54	12.2	90	3	140		29.88			30.32	AA		30.33
24	0754	11	FEW016 SCT250	10.00		62	16.7	59	14.7	56	13.3	81	0	000		29.89			30.32	AA		30.34
24	0854	11	FEW024 SCT260	10.00		66	18.9	60	15.3	55	12.8	68	0	000		29.90			30.34	AA		30.35
24	0954	11	FEW036 SCT180 BKN260	10.00		71	21.7	60	15.6	52	11.1	51	3	320		29.91			30.34	AA		30.36
24	1054	11	FEW042 SCT180 SCT260	10.00		72	22.2	60	15.5	51	10.6	48	6	VR		29.90			30.34	AA		30.35
24	1154	11	FEW048 SCT200 SCT260	10.00		74	23.3	61	16.0	51	10.6	45	8	350		29.90			30.33	AA		30.35
24	1254	11	FEW047 SCT220 SCT260	10.00		75	23.9	62	16.4	52	11.1	45	3	VR		29.89			30.32	AA		30.34
24	1354	11	FEW050 SCT240 SCT260	10.00		76	24.4	62	16.4	51	10.6	42	8	280		29.87			30.31	AA		30.32
24	1454	11	FEW050 SCT250	10.00		76	24.4	62	16.4	51	10.6	42	0	000		29.86			30.29	AA		30.31
24	1554	11	FEW050 SCT250	10.00		75	23.9	61	15.9	50	10.0	42	0	000		29.85			30.29	AA		30.30
24	1654	11	FEW050 SCT250	10.00		76	24.4	62	16.4	51	10.6	42	0	000		29.85			30.29	AA		30.30
24	1754	11	FEW050 SCT250	10.00		74	23.3	61	16.2	52	11.1	46	3	360		29.86			30.30	AA		30.31
24	1854	11	FEW180 SCT250	10.00		68	20.0	59	14.9	52	11.1	57	3	330		29.87			30.31	AA		30.32
24	1954	11	FEW180 SCT250	10.00		64	17.8	57	14.0	52	11.1	65	5	340		29.89			30.32	AA		30.34
24	2054	11	FEW200	10.00		62	16.7	57	13.8	53	11.7	73	0	000		29.90			30.34	AA		30.35
24	2154	11	FEW250	10.00		60	15.6	56	13.4	53	11.7	78	0	000		29.90			30.33	AA		30.35
24	2254	11	FEW250	10.00		59	15.0	56	13.1	53	11.7	81	0	000		29.89			30.32	AA		30.34
24	2354	11	SCT250	10.00		57	13.9	55	12.6	53	11.7	87	3	110		29.89			30.32	AA		30.34
25	0054	11	FEW250	10.00		57	13.9	54	12.3	52	11.1	83	5	130		29.89			30.32	AA		30.34
25	0154	11	FEW250	10.00		56	13.3	53	11.8	51	10.6	83	5	120		29.88			30.32	AA		30.33
25	0254	11	SCT250	10.00		55	12.8	53	11.5	51	10.6	86	5	120		29.89			30.32	AA		30.34
25	0354	11	SCT100 BKN250	10.00		54	12.2	52	11.3	51	10.6	90	3	080		29.89			30.33	AA		30.34
25	0454	11	FEW100 BKN200 BKN250	10.00		54	12.2	52	11.3	51	10.6	90	5	120		29.90			30.34	AA		30.35
25	0554	11	FEW100 BKN200 BKN250	10.00		55	12.8	53	11.5	51	10.6	86	3	090		29.91			30.35	AA		30.36
25	0654	11	FEW150 BKN200 BKN250	10.00		60	15.6	57	13.7	54	12.2	81	0	000		29.91			30.35	AA		30.36
25	0754	11	FEW150 SCT200 BKN250	10.00		64	17.8	59	14.9	55	12.8	73	0	000		29.90			30.34	AA		30.35
25	0854	11	FEW200 SCT250	10.00		70	21.1	62	16.8	57	13.9	64	3	070		29.89			30.33	AA		30.34
25	0954	11	FEW200 SCT250	10.00		74	23.3	64	17.9	58	14.4	58	0	000		29.87			30.31	AA		30.32
25	1054	11	FEW040 SCT200 SCT250	10.00		79	26.1	66	18.9	58	14.4	49	6	VR		29.87			30.30	AA		30.32
25	1154	11	FEW045 SCT250	10.00		81	27.2	66	19.0	57	13.9	44	8	200		29.84			30.27	AA		30.29
25	1254	11	FEW055 BKN250	10.00		82	27.8	64	17.8	52	11.1	35	16	250	21	29.82			30.25	AA		30.27
25	1354	11	FEW060 SCT180 BKN250	10.00		81	27.2	64	17.9	53	11.7	38	7	230		29.81			30.25	AA		30.26
25	1454	11	SCT060 BKN260	10.00		82	27.8	66	18.9	56	13.3	41	13	250		29.78			30.22	AA		30.23
25	1554	11	FEW065 BKN220 BKN260	10.00		81	27.2	66	19.0	57	13.9	44	11	230		29.76			30.20	AA		30.21
25	1654	11	FEW065 BKN210 BKN250	10.00		79	26.1	66	18.9	58	14.4	49	6	270		29.75			30.18	AA		30.20
25	1754	11	SCT210 BKN230	10.00		78	25.6	66	19.0	59	15.0	52	5	210		29.71			30.14	AA		30.16
25	1854	11	BKN200 BKN230	10.00		75	23.9	65	18.1	58	14.4	56	6	220		29.71			30.15	AA		30.16
25	1954	11	SCT160 BKN190	10.00		75	23.9	65	18.1	58	14.4	56	5	200		29.70			30.13	AA		30.15
25	2054	11	SCT110 BKN160	10.00		75	23.9	64	17.8	57	13.9	54	8	200		29.68			30.11	AA		30.13
25	2154	11	SCT160 BKN200	10.00		73	22.8	64	17.7	58	14.4	59	8	230		29.69			30.13	AA		30.14
25	2254	11	BKN100 BKN200	10.00	-RA	72	22.2	64	17.8	59	15.0	64	8	220		29.71			30.14	AA	T	30.16
25	2354	11	BKN120	10.00	-RA	70	21.1	65	18.3	62	16.7	76	5	180		29.68			30.11	AA	0.01	30.13
26	0054	11	BKN100	10.00	-RA	69	20.6	65	18.4	63	17.2	81	0	000		29.68			30.11	AA	T	30.13
26	0154	11	BKN055 OVC075	10.00		67	19.4	66	18.7	65	18.3	93	5	140		29.65			30.09	AA	0.03	30.10
26	0254	11	BKN065 OVC075	10.00		68	20.0	65	18.2	63	17.2	84	3	180		29.63			30.06	AA		30.08
26	0354	11	SCT060 OVC090	10.00		69	20.6	64	17.8	61	16.1	76	8	210		29.62			30.05	AA	T	30.07
26	0454	11	SCT046 OVC100	10.00	-RA	70	21.1	64	18.0	61	16.1	73	7	220		29.62			30.05	AA	T	30.07
26	0554	11	SCT085 BKN110 BKN200	10.00	-RA	71	21.7	65	18.2	61	16.1	71	7	230		29.61			30.05	AA	T	30.06
26	0654	11	SCT050 SCT090 OVC200	10.00		73	22.8	66	18.6	61	16.1	66	10	240		29.62			30.05	AA	T	30.07
26	0754	11	SCT047 BKN060 BKN070	10.00		73	22.8	67	19.2	63	17.2	71	7	240		29.61			30.05	AA	T	30.06
26	0854	11	SCT040 BKN070 OVC160	10.00		74	23.3	67	19.4	63	17.2	69	13	240		29.61			30.04	AA	T	30.06
26	0954	11	SCT030 SCT036 OVC160	10.00	-RA	76	24.4	69	20.5	65	18.3	69	14	230		29.58			30.01	AA	T	30.03
26	1052	11	BKN020 BKN036 BKN110	10.00		73	23.0	67	19.6	64	18.0	74	14	270	23	29.61			M	SP		30.06
26	1054	11	BKN020 BKN036 BKN110	10.00		74	23.3	68	20.1	65	18.3	74	11	280		29.60			30.04	AA		30.05
26	1101	11	BKN022 BKN110 OVC180	10.00		73	23.0	69	20.2	66	19.0	79	14	260		29.60			M	SP		30.05
26	1125	11	SCT026 OVC032	10.00		73	23.0	69	20.2	66	19.0	79	13	260		29.59			M	SP		30.04
26	1146	11	OVC029	10.00		73	23.0	69	20.2	66	19.0	79	14	260		29.58			M	SP		30.03
26	1152	11	SCT026 BKN032 OVC110	10.00		73	23.0	69	20.2	66	19.0	79	10	250		29.58			M	SP		30.03
26	1154	11	SCT026 BKN032 OVC110	10.00		74	23.3	69	20.4	66	18.9	76	9	250		29.58			30.01	AA		30.03
26	1201	11	FEW022 BKN029 OVC037	10.00		73	23.0	69	20.2	66	19.0	79	8	250		29.57			M	SP		30.02
26	1211	11	FEW022 SCT029 OVC037	10.00		73	23.0	69	20.2	66	19.0	79	10	250		29.57			M	SP		30.02
26	1219	11	SCT022 BKN029 OVC037	10.00		73	23.0	69	20.2	66	19.0	79	11	240		29.57			M	SP		30.02
26	1254	11	BKN022 BKN029 OVC036	10.00		77	25.0	70	21.3	67	19.4	71	10	250		29.55			29.98	AA		30.00
26	1354	11	BKN024 OVC030	10.00		76	24.4	70	20.8	66	18.9	71	13	260		29.54			29.97	AA		29.99
26	1437	11	SCT026	10.00		77	25.0	70	21.0	66	19.0	69	7	240		29.52			M	SP		29.97
26	1454	11	SCT026 BKN140 OVC180	10.00		77	25.0	70	21.3	67	19.4	71	8	250		29.52			29.96	AA	T	29.97
26	1534	11	BKN025 BKN033 OVC130	10.00	-RA	75	24.0	70	21.3	68	20.0	79	9	260		29.53			M	SP		29.98
26	1552	11	SCT025 BKN030 OVC110	8.00	-RA	75	24.0	70	21.3	68	20.0	79	6	220		29.51			M	SP		29.96
26	1554	11	SCT024 BKN030 OVC110	5.00	-RA	75	23.9	70	21.3	68	20.0	79	6	220		29.50			29.93	AA	0.01s	29.95
26	1638	11	BKN022 OVC110	5.00	-RA BR	73	23.0	71	21.6	70	21.0	90	6	230		29.49			M	SP		29.94
26	1654	11	SCT020 BKN026 OVC046	7.00		73	22.8	71	21.6	70	21.1	90	8	240		29.49			29.92	AA	0.06	29.94
26	1701	11	SCT023 SCT037 OVC044	7.00		73	23.0	71	21.6	70	21.0	90	7	250		29.49			M	SP		29.94
26	1754	11	BKN050 OVC100	10.00		73	22.8	70	21.3	69	20.6	87	7	260		29.48			29.91	AA		29.93
26	1830	11	BKN029 OVC039	2.50	RA BR	72	22.0	69	20.7	68	20.0	87	9	260		29.48			M	SP		29.93
26	1832	11	SCT029 BKN037 OVC045	3.00	-RA BR	72	22.0	69	20.7	68	20.0	87	7	270		29.48			M	SP		29.93
26	1854	11	BKN038 BKN047 OVC055	6.00	-RA BR	71	21.7	69	20.5	68	20.0	90	0	000		29.47			29.91	AA	0.07	29.92

26	1918	11	SCT009 BKN039 OVC070	2.50	RA BR	72	22.0	71	21.4	70	21.0	93	0	000		29.47			M	SP		29.92
26	1935	11	BKN007 BKN010 OVC050	2.50	RA BR	72	22.0	71	21.4	70	21.0	93	3	240		29.47			M	SP		29.92
26	1954	11	BKN007 OVC012	2.50	RA BR	71	21.7	70	20.9	69	20.6	93	5	240		29.48			29.91	AA	0.14	29.93
26	2022	11	BKN008 OVC018	3.00	RA BR	70	21.0	70	21.1	70	21.0	100	8	250		29.47			M	SP		29.92
26	2052	11	BKN006 OVC013	6.00	-RA BR	70	21.0	69	20.3	68	20.0	93	8	340		29.49			M	SP		29.94
26	2054	11	BKN006 OVC014	5.00	-RA BR	70	21.1	69	20.3	68	20.0	93	10	330		29.49			29.92	AA	0.13	29.94
26	2106	11	SCT006 BKN029 OVC036	7.00	-RA	70	21.0	67	19.6	66	19.0	87	6	340		29.48			M	SP		29.93
26	2140	11	BKN014 BKN027 OVC037	10.00	-RA	70	21.0	67	19.6	66	19.0	87	6	350		29.48			M	SP		29.93
26	2154	11	FEW005 OVC014	10.00	-RA	69	20.6	68	19.8	67	19.4	93	3	340		29.48			29.91	AA	0.04	29.93
26	2209	11	FEW005 BKN016 OVC024	10.00	-RA	70	21.0	67	19.6	66	19.0	87	0	000		29.47			M	SP		29.92
26	2245	11	SCT007 BKN014 OVC048	7.00	-RA	70	21.0	67	19.6	66	19.0	87	5	330		29.48			M	SP		29.93
26	2254	11	SCT005 BKN011 OVC046	10.00	-RA	69	20.6	68	19.8	67	19.4	93	3	340		29.48			29.91	AA	0.01	29.93
26	2312	11	FEW005 SCT011 OVC050	10.00	-RA	70	21.0	67	19.6	66	19.0	87	0	000		29.48			M	SP		29.93
26	2354	11	FEW006 BKN024 OVC050	10.00		69	20.6	68	19.8	67	19.4	93	0	000		29.49			29.92	AA	0.01	29.94
27	0052	11	SCT016 BKN034 OVC080	10.00		68	20.0	67	19.2	66	19.0	93	3	270		29.49			M	SP		29.94
27	0054	11	SCT016 BKN034 OVC080	10.00		68	20.0	67	19.6	67	19.4	97	3	270		29.48			29.92	AA	T	29.93
27	0154	11	FEW011 SCT043 SCT065	10.00		67	19.4	66	19.0	66	18.9	97	5	260		29.47			29.91	AA		29.92
27	0252	11	BKN003	4.00	BR	66	19.0	65	18.2	64	18.0	93	3	250		29.46			M	SP		29.91
27	0254	11	BKN003	4.00	BR	66	18.9	65	18.5	65	18.3	97	3	240		29.46			29.89	AA		29.91
27	0345	11	CLR003 CLR007	1.00		68	20.0	M	M	66	19.0	M	5	250		M			M	SP		29.91
27	0354	11	BKN003 OVC007	0.50	FG	67	19.4	66	19.0	66	18.9	97	5	260		29.46			29.89	AA		29.91
27	0430	11	OVC002	2.00	BR	68	20.0	67	19.2	66	19.0	93	0	000		29.47			M	SP		29.92
27	0454	11	OVC002	2.00	BR	68	20.0	67	19.2	66	18.9	93	0	000		29.47			29.91	AA		29.92
27	0531	11	OVC002	1.50	BR	68	20.0	67	19.2	66	19.0	93	0	000		29.48			M	SP		29.93
27	0554	11	OVC004	1.50	BR	68	20.0	67	19.2	66	18.9	93	3	160		29.49			29.92	AA		29.94
27	0605	11	CLR004	0.75		68	20.0	M	M	66	19.0	M	3	150		M			M	SP		29.94
27	0654	11	CLR002	0.75		68	20.0	M	M	67	19.4	M	0	000		M			29.93	AA	T	29.95
27	0702	11	CLR002	1.00		68	20.0	M	M	66	19.0	M	0	000		M			M	SP		29.95
27	0735	11	BKN002 OVC005	2.50	BR	70	21.0	69	20.3	68	20.0	93	5	150		29.49			M	SP		29.94
27	0747	11	FEW002 OVC005	2.50	BR	70	21.0	69	20.3	68	20.0	93	3	VR		29.50			M	SP		29.95
27	0752	11	FEW002 OVC005	3.00	BR	70	21.0	69	20.3	68	20.0	93	3	160		29.50			M	SP		29.95
27	0754	11	FEW002 OVC005	3.00	BR	70	21.1	69	20.3	68	20.0	93	3	160		29.50			29.93	AA	T	29.95
27	0854	11	BKN005 OVC032	5.00	BR	72	22.2	70	21.1	69	20.6	90	0	000		29.50			29.93	AA		29.95
27	0921	11	BKN009 OVC031	5.00	BR	73	23.0	71	21.6	70	21.0	90	3	140		29.49			M	SP		29.94
27	0949	11	BKN011 OVC031	7.00		73	23.0	71	21.6	70	21.0	90	3	070		29.49			M	SP		29.94
27	0954	11	BKN011 OVC031	7.00		74	23.3	71	21.5	69	20.6	84	0	000		29.49			29.93	AA		29.94
27	1047	11	FEW014 BKN021 OVC027	8.00		73	23.0	70	20.9	68	20.0	84	0	000		29.49			M	SP		29.94
27	1054	11	FEW014 BKN021 OVC027	8.00		75	23.9	71	21.6	69	20.6	82	0	000		29.50			29.93	AA		29.95
27	1141	11	FEW014 OVC042	9.00		77	25.0	72	22.3	70	21.0	79	0	000		29.48			M	SP		29.93
27	1154	11	FEW014 OVC042	9.00		77	25.0	72	22.0	69	20.6	76	3	160		29.48			29.91	AA		29.93
27	1254	11	SCT022 OVC044	10.00		79	26.1	72	22.0	68	20.0	69	6	270		29.47			29.91	AA		29.92
27	1354	11	FEW026 OVC044	9.00		80	26.7	72	22.2	68	20.0	67	0	000		29.46			29.89	AA		29.91
27	1454	11	FEW025 BKN047 OVC140	10.00		81	27.2	72	22.3	68	20.0	65	0	000		29.44			29.88	AA		29.89
27	1554	11	FEW030 BKN047 OVC150	10.00		84	28.9	74	23.2	69	20.6	61	0	000		29.43			29.86	AA		29.88
27	1654	11	FEW029 SCT150 BKN260	10.00		82	27.8	73	22.8	69	20.6	65	3	240		29.43			29.86	AA		29.88
27	1754	11	FEW030 SCT170 BKN270	10.00		80	26.7	73	22.9	70	21.1	72	0	000		29.42			29.86	AA		29.87
27	1854	11	FEW160 SCT240	9.00		74	23.3	71	21.8	70	21.1	87	3	060		29.43			29.86	AA		29.88
27	1954	11	FEW200	8.00		73	22.8	70	21.3	69	20.6	87	0	000		29.44			29.88	AA		29.89
27	2054	11	FEW210	7.00		72	22.2	70	21.1	69	20.6	90	0	000		29.45			29.88	AA		29.90
27	2154	11	SCT034 SCT260	6.00	BR	71	21.7	70	20.9	69	20.6	93	3	100		29.45			29.88	AA		29.90
27	2254	11	OVC034	9.00		72	22.2	70	21.1	69	20.6	90	3	160		29.44			29.88	AA		29.89
27	2354	11	BKN034 OVC230	7.00	BCFG	70	21.1	68	20.0	67	19.4	90	5	100		29.43			29.86	AA		29.88
28	0054	11	BKN038	9.00		70	21.1	68	20.0	67	19.4	90	3	160		29.42			29.85	AA		29.87
28	0154	11	FEW040 SCT230	6.00	BR	68	20.0	67	19.2	66	18.9	93	5	090		29.42			29.85	AA		29.87
28	0254	11	SCT037 BKN230	6.00	BR	68	20.0	67	19.2	66	18.9	93	0	000		29.41			29.85	AA		29.86
28	0354	11	FEW030 BKN037	4.00	BR	67	19.4	66	18.7	65	18.3	93	0	000		29.42			29.85	AA		29.87
28	0452	11	FEW004 BKN041 BKN065	5.00	BR	68	20.0	67	19.2	66	19.0	93	3	190		29.43			M	SP		29.88
28	0454	11	FEW004 BKN041 BKN065	5.00	BR	68	20.0	67	19.2	66	18.9	93	3	190		29.43			29.86	AA		29.88
28	0554	11	FEW014 BKN045 BKN070	6.00	BR	67	19.4	66	18.7	65	18.3	93	3	070		29.43			29.86	AA		29.88
28	0654	11	SCT015 BKN047	5.00	BR	70	21.1	68	20.0	67	19.4	90	0	000		29.43			29.87	AA		29.88
28	0754	11	FEW020 SCT050	8.00		75	23.9	70	21.3	68	20.0	79	0	000		29.43			29.86	AA		29.88
28	0854	11	BKN065 OVC075	10.00		76	24.4	71	21.8	69	20.6	79	0	000		29.43			29.86	AA		29.88
28	0954	11	BKN065 BKN090	10.00		78	25.6	73	22.5	70	21.1	77	3	050		29.42			29.86	AA		29.87
28	1054	11	SCT070 BKN090	10.00		81	27.2	74	23.0	70	21.1	69	3	070		29.42			29.85	AA		29.87
28	1154	11	FEW030 SCT180 BKN250	10.00		85	29.4	75	24.0	71	21.7	63	7	030		29.41			29.84	AA		29.86
28	1254	11	FEW030 SCT180 BKN250	10.00		85	29.4	73	23.0	68	20.0	57	8	030		29.40			29.83	AA		29.85
28	1354	11	FEW035 SCT080 SCT180	10.00		86	30.0	72	22.2	65	18.3	50	5	VR		29.39			29.82	AA		29.84
28	1454	11	SCT033TCU SCT200 SCT260	10.00		87	30.6	72	22.4	65	18.3	48	6	070		29.39			29.82	AA		29.84
28	1554	11	FEW035 BKN046TCU BKN200	10.00	-RA	80	26.7	72	22.2	68	20.0	67	8	350		29.41			29.84	AA	T	29.86
28	1654	11	FEW040 SCT100 BKN200	10.00		82	27.8	72	22.2	67	19.4	61	3	330		29.40			29.83	AA		29.85
28	1754	11	FEW040 SCT210	10.00		82	27.8	73	22.5	68	20.0	63	5	320		29.41			29.84	AA		29.86
28	1854	11	FEW041 SCT260	10.00		78	25.6	73	22.5	70	21.1	77	0	000		29.42			29.85	AA		29.87
28	1954	11	FEW050 SCT250	10.00		76	24.4	72	22.2	70	21.1	82	3	350		29.45			29.88	AA		29.90
28	2054	11	FEW140	10.00		74	23.3	71	21.8	70	21.1	87	0	000		29.47			29.90	AA		29.92
28	2154	11	FEW055	10.00		72	22.2	69	20.7	68	20.0	87	3	350		29.47			29.90	AA		29.92
28	2254	11	FEW060	10.00		72	22.2	69	20.7	68	20.0	87	0	000		29.47			29.90	AA		29.92
28	2354	11	CLR	10.00		70	21.1	67	19.6	66	18.9	87	0	000		29.48			29.91	AA		29.93
29	0054	11	CLR	10.00		69	20.6	67	19.4	66	18.9	90	0	000		29.48			29.91	AA		29.93
29	0154	11	CLR	10.00		68	20.0	66	18.9	65	18.3	90	0	000		29.49			29.92	AA		29.94
29	0254	11	CLR	9.00		66	18.9	65	18.2	64	17.8	93	0	000		29.49			29.92	AA		29.94
29	0352	11	M	0.50		M	M	M	M	M	M	M	0	000		M			M	SP		M
29	0354	11	SCT002	7.00		64	17.8	63	17.4	63	17.2	97	0	000		29.51			29.94	AA		29.96
29	0454	11	FEW004 SCT009	5.00	BR	64	17.8	63	17.4	63	17.2	97	0	000		29.51			29.95	AA		29.96
29	0554	11	FEW007 SCT032	6.00	BR	64	17.8	63	17.4	63	17.2	97	3	090		29.54			29.97	AA		29.99
29	0654	11	SCT005 SCT030 BKN200	8.00		68	20.0	66	18.9	65	18.3	90	0	000		29.55			29.98	AA		30.00
29	0752	11	BKN007 BKN030 OVC200	9.00		70	21.0	67	19.6	66	19.0	87	0	000		29.57			M	SP		30.02
29	0754	11	BKN007 BKN030 OVC200	9.00		71	21.7	68	20.2	67	19.4	87	0	000		29.57			30.00	AA		30.02
29	0831	11	BKN009 BKN030 OVC200	8.00		72	22.0	68	20.0	66	19.0	82	0	000		29.57			M	SP		30.02
29	0854	11	BKN009 OVC030	7.00		73	22.8	69	20.6	67	19.4	82	0	000		29.57			30.01	AA		30.02
29	0950	11	BKN011 BKN030	8.00		75	24.0	70	21.3	68	20.0	79	3	290		29.58			M	SP		30.03
29	0954	11	BKN011 BKN030 BKN200	8.00		75	23.9	70	21.3	68	20.0	79	3	310		29.58			30.01	AA		30.03
29	1031	11	SCT013 BKN020 BKN200	9.00		75	24.0	72	22.0	70	21.0	85	0	000		29.58			M	SP		30.03

29	1052	11	SCT017 BKN025 BKN200	10.00		77	25.0	72	22.3	70	21.0	79	0	000		29.58			M	SP		30.03
29	1054	11	SCT017 BKN025 BKN200	10.00		77	25.0	72	22.0	69	20.6	76	0	000		29.58			30.01	AA		30.03
29	1141	11	SCT023 BKN035 BKN200	10.00		81	27.0	74	23.0	70	21.0	69	3	VR		29.57			M	SP		30.02
29	1154	11	FEW021 SCT035 BKN220	10.00		80	26.7	73	22.5	69	20.6	69	3	210		29.57			30.01	AA		30.02
29	1254	11	FEW028 SCT035TCU BKN250	10.00		83	28.3	74	23.0	69	20.6	63	5	VR		29.56			29.99	AA		30.01
29	1354	11	SCT034TCU SCT250	10.00		85	29.4	74	23.0	68	20.0	57	6	VR		29.54			29.97	AA		29.99
29	1454	11	SCT042 SCT250	10.00		86	30.0	73	22.8	67	19.4	53	13	320	17	29.54			29.96	AA		29.99
29	1554	11	FEW033 SCT240	10.00		83	28.3	72	22.3	67	19.4	59	13	340		29.54			29.97	AA		29.99
29	1654	11	FEW032 SCT220	10.00		81	27.2	72	22.0	67	19.4	63	8	310		29.54			29.98	AA		29.99
29	1754	11	FEW031 SCT230	10.00		78	25.6	70	21.2	66	18.9	67	11	310		29.56			29.99	AA		30.01
29	1854	11	FEW035	10.00		74	23.3	69	20.4	66	18.9	76	7	310		29.56			29.99	AA		30.01
29	1954	11	CLR	10.00		71	21.7	67	19.5	65	18.3	81	5	250		29.55			29.99	AA		30.00
29	2054	11	CLR	10.00		70	21.1	67	19.6	66	18.9	87	3	270		29.57			30.00	AA		30.02
29	2154	11	CLR	9.00		68	20.0	67	19.2	66	18.9	93	3	270		29.57			30.00	AA		30.02
29	2254	11	CLR	8.00	BCFG	67	19.4	66	18.7	65	18.3	93	5	260		29.57			30.00	AA		30.02
29	2354	11	CLR	8.00	BCFG	67	19.4	66	18.7	65	18.3	93	0	000		29.55			29.98	AA		30.00
30	0054	11	CLR	9.00		66	18.9	64	17.8	63	17.2	90	0	000		29.54			29.97	AA		29.99
30	0154	11	CLR	8.00	BCFG	65	18.3	64	17.6	63	17.2	93	0	000		29.53			29.96	AA		29.98
30	0254	11	CLR	8.00	BCFG	64	17.8	63	17.1	62	16.7	93	0	000		29.53			29.96	AA		29.98
30	0354	11	CLR	8.00	BCFG	63	17.2	62	16.5	61	16.1	93	3	130		29.52			29.95	AA		29.97
30	0454	11	FEW048	10.00		63	17.2	62	16.5	61	16.1	93	0	000		29.53			29.97	AA		29.98
30	0554	11	FEW100 SCT160 SCT230	10.00		63	17.2	62	16.5	61	16.1	93	0	000		29.54			29.97	AA		29.99
30	0654	11	FEW100 SCT150 BKN250	10.00		65	18.3	63	17.3	62	16.7	90	0	000		29.53			29.96	AA		29.98
30	0754	11	FEW150 SCT250	10.00		69	20.6	66	18.8	64	17.8	84	5	150		29.52			29.96	AA		29.97
30	0854	11	FEW150 SCT250	10.00		74	23.3	69	20.4	66	18.9	76	3	160		29.52			29.95	AA		29.97
30	0954	11	FEW150 SCT250	10.00		79	26.1	69	20.4	63	17.2	58	0	000		29.50			29.93	AA		29.95
30	1054	11	FEW090 SCT150 SCT250	10.00		83	28.3	69	20.8	62	16.7	49	5	250		29.48			29.91	AA		29.93
30	1154	11	FEW050 SCT150 BKN250	10.00		84	28.9	70	21.2	63	17.2	49	5	250		29.46			29.89	AA		29.91
30	1254	11	FEW050 SCT150 BKN250	10.00		86	30.0	71	21.9	64	17.8	48	7	260		29.44			29.87	AA		29.89
30	1354	11	FEW050 SCT150 BKN200	10.00		85	29.4	71	21.4	63	17.2	48	10	260		29.42			29.85	AA		29.87
30	1454	11	FEW045 SCT170 BKN180	10.00		85	29.4	70	21.1	62	16.7	46	11	230		29.40			29.84	AA		29.85
30	1554	11	FEW044 BKN150 OVC200	10.00		83	28.3	71	21.4	64	17.8	53	6	230		29.38			29.82	AA		29.83
30	1654	11	SCT140 BKN210	10.00		84	28.9	69	20.6	61	16.1	46	8	210		29.36			29.79	AA		29.81
30	1754	11	FEW150 SCT180 BKN260	10.00		81	27.2	69	20.4	62	16.7	53	5	190		29.35			29.78	AA		29.80
30	1854	11	FEW130 SCT150 BKN170	10.00		78	25.6	69	20.5	64	17.8	62	0	000		29.34			29.78	AA		29.79
30	1954	11	FEW070	10.00		74	23.3	69	20.4	66	18.9	76	3	110		29.35			29.78	AA		29.80
30	2054	11	FEW036 BKN055 OVC075	9.00	-RA	72	22.2	68	20.0	66	18.9	82	5	160		29.35			29.78	AA	0.15	29.80
30	2154	11	SCT045 SCT065 BKN085	10.00	-RA	72	22.2	69	20.7	68	20.0	87	3	130		29.34			29.76	AA	0.01	29.78
30	2254	11	BKN050 BKN080 OVC110	10.00	-RA	72	22.2	70	21.1	69	20.6	90	0	000		29.34			29.77	AA	0.01	29.79
30	2354	11	SCT060 SCT090 BKN130	9.00	-RA	70	21.1	69	20.3	68	20.0	93	3	030		29.32			29.75	AA	0.02	29.77
31	0054	11	FEW050 SCT070 SCT095	9.00	-RA	70	21.1	69	20.3	68	20.0	93	6	090		29.31			29.74	AA	0.02	29.76
31	0154	11	SCT050 SCT070 BKN110	10.00	-RA	71	21.7	70	20.9	69	20.6	93	5	090		29.29			29.72	AA	0.03	29.74
31	0208	11	FEW006 SCT025 BKN048	1.50	-RA BR	70	21.0	69	20.3	68	20.0	93	6	VR		29.31			M	SP		29.76
31	0215	11	FEW006 SCT034 BKN048	4.00	+RA BR	70	21.0	69	20.3	68	20.0	93	6	020		29.30			M	SP		29.75
31	0254	11	FEW040 SCT060 BKN090	7.00	-RA	70	21.1	69	20.3	68	20.0	93	0	000		29.30			29.73	AA	0.15	29.75
31	0354	11	SCT043 BKN050 BKN060	8.00		70	21.1	69	20.3	68	20.0	93	6	130		29.29			29.72	AA	T	29.74
31	0454	11	OVC046	8.00		70	21.1	69	20.3	68	20.0	93	0	000		29.29			29.72	AA		29.74
31	0554	11	BKN040 OVC048	9.00		72	22.2	70	21.1	69	20.6	90	6	180		29.29			29.72	AA		29.74
31	0654	11	OVC040	5.00	-DZ BR	73	22.8	71	21.6	70	21.1	90	0	000		29.30			29.73	AA	T	29.75
31	0754	11	OVC038	6.00	BR	74	23.3	72	22.2	71	21.7	90	0	000		29.31			29.75	AA	T	29.76
31	0854	11	BKN040 OVC060	9.00		78	25.6	73	22.9	71	21.7	79	6	210		29.31			29.75	AA		29.76
31	0954	11	FEW024 BKN035 OVC075	9.00		81	27.2	74	23.4	71	21.7	72	6	230		29.31			29.74	AA		29.76
31	1054	11	BKN032 BKN042 OVC065	9.00		80	26.7	73	22.9	70	21.1	72	8	260		29.31			29.74	AA		29.76
31	1154	11	SCT036 BKN042 BKN055	9.00		82	27.8	74	23.2	70	21.1	67	11	250		29.30			29.73	AA		29.75
31	1254	11	SCT029 BKN034 OVC075	9.00		82	27.8	74	23.5	71	21.7	69	10	310	16	29.30			29.73	AA		29.75
31	1354	11	FEW032 SCT055 BKN085	10.00		80	26.7	74	23.2	71	21.7	74	13	300	18	29.29			29.72	AA		29.74
31	1454	11	FEW030 SCT040 BKN080	10.00		83	28.3	74	23.3	70	21.1	65	14	290	18	29.29			29.72	AA		29.74
31	1516	11	BKN026 BKN035	10.00		81	27.0	74	23.0	70	21.0	69	9	290		29.30			M	SP		29.75
31	1552	11	SCT030	10.00		81	27.0	74	23.0	70	21.0	69	11	300		29.31			M	SP		29.76
31	1554	11	SCT030 SCT150 BKN200	10.00		80	26.7	73	22.5	69	20.6	69	11	300		29.31			29.74	AA		29.76
31	1654	11	FEW025 BKN035 BKN070	10.00		78	25.6	71	21.8	68	20.0	71	13	300		29.32			29.76	AA		29.77
31	1754	11	FEW035 SCT070 BKN200	10.00		77	25.0	71	21.6	68	20.0	74	9	320		29.34			29.76	AA		29.78
31	1854	11	FEW035 SCT070 SCT200	10.00		73	22.8	69	20.6	67	19.4	82	6	260		29.35			29.79	AA		29.80
31	1928	11	BKN019	10.00		73	23.0	70	20.9	68	20.0	84	6	260		29.36			M	SP		29.81
31	1954	11	BKN017 OVC021	10.00		73	22.8	70	20.9	68	20.0	84	6	260		29.36			29.80	AA		29.81
31	2054	11	FEW012 BKN020 OVC075	10.00		73	22.8	70	20.9	68	20.0	84	6	280		29.39			29.82	AA		29.84
31	2115	11	FEW012 SCT020 BKN075	10.00		72	22.0	69	20.7	68	20.0	87	6	260		29.39			M	SP		29.84
31	2139	11	BKN014 BKN075	10.00		72	22.0	69	20.7	68	20.0	87	5	280		29.39			M	SP		29.84
31	2154	11	BKN014	10.00		72	22.2	69	20.7	68	20.0	87	7	280		29.40			29.83	AA		29.85
31	2203	11	BKN015 OVC020	10.00		72	22.0	69	20.7	68	20.0	87	6	280		29.40			M	SP		29.85
31	2254	11	BKN019 OVC045	10.00		72	22.2	69	20.7	68	20.0	87	6	300		29.39			29.82	AA		29.84
31	2318	11	SCT017 BKN080	10.00		70	21.0	67	19.6	66	19.0	87	3	340		29.38			M	SP		29.83
31	2354	11	FEW080	10.00		70	21.1	68	20.0	67	19.4	90	3	240		29.38			29.80	AA		29.83

Dynamically generated Thu May 01 14:36:31 EDT 2014 via http://cdo.ncdc.noaa.gov/qclcd/QCLCD