TOWN OF OYSTER BAY
OLD BETHPAGE SOLID WASTE DISPOSAL COMPLEX
SUMMARY OF LANDFILL GAS MONITORING PROGRAMS

2008 - 2009 ANNUAL REPORT

Prepared for:

Town of Oyster Bay
Department of Public Works
Syosset, New York

Prepared by:

RTP Environmental Associates, Inc.
400 Post Avenue
Westbury, New York

November 2010

TOWN OF OYSTER BAY
OLD BETHPAGE SOLID WASTE DISPOSAL COMPLEX
SUMMARY OF LANDFILL GAS MONITORING PROGRAMS

2008 – 2009 ANNUAL REPORT

TABLE OF CONTENTS

TABLE OF CONTENTS – con't.

TABLES AND FIGURES

APPENDICES

TOWN OF OYSTER BAY
OLD BETHPAGE SOLID WASTE DISPOSAL COMPLEX
SUMMARY OF LANDFILL GAS MONITORING PROGRAMS

2008 – 2009 ANNUAL REPORT

Preface

The Town of Oyster Bay (Town) has been preparing an annual summary report (Annual Report) of various landfill gas monitoring programs associated with the Old Bethpage Solid Waste Disposal Complex (OBSWDC) for more than 25 years. The OBSWDC landfill gas monitoring program has been modified over the years to accommodate both regulatory requirements as well as changing site conditions. These include the requirements of the 6NYCRR Part 360 Operating Permit Special Conditions (including permit renewals), the presence of landfill gas at one time in adjacent properties and structures, the subsequent phased construction of a landfill gas control system to control off-site gas migration, the completion of the landfill capping and closure system and the requirements of the site Consent Decree 83CV5357 (1988). Specifically, the Consent Decree stipulates that:

> "…the Town will conduct the monitoring program described in the Lockwood, Kessler and Bartlett April 1987 report entitled "1986 Annual Report: Summarizing the Status of Landfill Gas Monitoring Programs and the Establishment of the Zero Percent Gas Migration Limitation at the Old Bethpage Landfill", to be amended as necessary. In addition, the Town will conduct the Supplemental Gas Monitoring Program set forth in Attachment 2." (LKB, 1987)

Section 1, Background, of this report summarizes the varying landfill gas conditions at the site over the years; the facilities constructed to accommodate these conditions and control off-site gas migration; and the modifications to the gas monitoring program to support both site conditions and facilities. Sections 2 through 5 discuss the Sampling Programs, Discussion of Results, Summary and Conclusions and Recommendations for future monitoring and control efforts, respectively.

The Annual 2008 Summary Report was postponed while the Town addressed major modifications to site conditions and modified outdated monitoring protocols. As a result, the Town combined the 2008 and 2009 monitoring activities and data into this single report, which includes amendments for 2010. For the future, the intent would be to return to the annual reporting schedule and to incorporate the amended monitoring and reporting activities as discussed herein.

Most of the historic information in this report was provided by Lockwood, Kessler & Bartlett, Inc. (LKB), the engineer of record for the Town on the OBSWDC and associated activities. RTP Environmental Associates, Inc. (RTP) was contracted to prepare this report and to perform certain tasks required by the Consent Decree and permit.

1.0 BACKGROUND

1.1 General

The OBSWDC is located between Winding and Claremont Roads, south of Bethpage-Sweet Hollow Road in the Town of Oyster Bay, Nassau County, New York (Town). The OBSWDC currently consists of a total of 134 acres which contain a closed and capped landfill, inactive incinerators, an inactive compactor-baler facility, a Municipal Solid Waste (MSW) Transfer Facility, a Groundwater Treatment Facility, a Leachate Treatment Facility, a Landfill Gas Control System, an area periodically utilized for clean fill placement (approved by the NYSDEC), a white goods area, scale house, recharge basins, stockpile areas, vehicle maintenance facilities and offices. A map illustrating these facilities and adjoining areas is provided in Figure 1.1. Two (2) unutilized areas of the site are currently leased by others. One of these areas is the northeast portion of the site which includes the inactive incinerators and compactor-baler building. The second is located at the southernmost portion of the site.

1.2 Authority and Requirements

On March 7, 1979, pursuant to inspections performed by the Nassau County Fire Commissioner, a violation was issued to the Nassau County Fireman's Training Center (NCFTC) and an order was given to remove all sources of ignition at the NCFTC because an explosive atmosphere was reported to exist in certain enclosed areas. The NCFTC borders the OBSWDC on the southeast. In order to prevent landfill gas (LFG) from contributing to the creation of an explosive atmosphere at the NCFTC, the Town installed a LFG control system. Subsequently, the Town was required to conduct regular combustible gas monitoring at the NCFTC, along the perimeter of the OBSWDC, in onsite buildings and at various offsite locations.

A permit was issued by the New York State Department of Environmental Conservation (NYSDEC) to the Town as per the requirements of 6 NYCRR Part 360. The "SPECIAL CONDITIONS" category, attached to the Permit to Operate No. 0013, Application 30-S-l5, dated August 14, 1979, was created to address the presence of migrating landfill gases in the vicinity of the OBSWDC. The renewal permit

N

0 375 750 1,500 Feet

ORTHOIMAGERY SOURCE:
NAIP 2009

RTP Environmental Associates, Inc.
Westbury, New York

FIGURE 1.1
SITE LOCATION AND ADJOINING AREAS MAP

ZERO GAS MIGRATION LIMITATION SURVEY

TOWN OF OYSTER BAY
SOLID WASTE DISPOSAL COMPLEX
OLD BETHPAGE, NEW YORK

conditions, in part, required the Town to develop a monthly monitoring program acceptable to the NYSDEC and the Nassau County Department of Health (NCDH). The monitoring program was to be conducted along various boundaries of the OBSWDC and in various onsite facility structures. Monitoring results were required to be submitted in report form to the NYSDEC and the NCDH.

A variety of orders, agreements and operational permit renewals have been issued since the site's initial permit and these are discussed in previous annual reports. In April 1986, the landfill ceased operations and all MSW received at the complex subsequently has been hauled offsite for disposal or recycling. The site's operating permit was modified to reflect the operation of a solid waste transfer station instead of a landfill.

In 1988, the Town of Oyster Bay and the New York State Department of Law (NYSDOL) entered into a Final Consent Decree for the remediation of the Old Bethpage Landfill (83 *CV.* 5357). Incorporated into the Consent Decree was a Remedial Action Plan (RAP) which detailed the actions to be undertaken by the Town in compliance with the Final Consent Decree. Appendix A, Section I. (H) of the RAP obligated the Town to continue to operate and maintain the existing gas control systems in compliance with the requirements of 6 NYCRR Part 360. Attachment 2 of the RAP required the Town to supplement the monitoring programs with data obtained from the following:

- quarterly ambient volatile organic compound (VOC) air sampling to be taken at three (3) selected locations during the first year of remediation, and if approved by the NYSDOL, annually thereafter;
- quarterly subsurface VOC gas sampling to be collected at 14 selected sampling locations at a depth of 30" during the first year of remediation and, if approved by the NYSDOL, on an annual basis thereafter; and quarterly subsurface VOC gas sampling at Location M-9 at depths of 10', 20', 30' and 40' during the initial year of remediation, and if approved by the NYSDOL, on an annual basis thereafter;
- quarterly thermal oxidizer (TO) emissions sampling for VOC levels during the initial year of remediation (results obtained during the initial year of testing were to be related to the TO temperatures during the initial year of sampling. Thereafter, the oxidizer temperatures will be monitored on a monthly basis to insure that temperatures needed to volatilize the organics are being maintained in the oxidizer. The oxidizer emissions will continue to be sampled on an annual basis for VOC content); and
- quarterly pressure readings at three (3) locations during the initial year of remediation, and if approved by the NYSDOL, on an annual basis thereafter.

The results of the Supplemental Gas Monitoring Program required under the RAP are reported in detail in the Quarterly and Annual RAP Reports submitted in accordance with the Consent Decree. The RAP further stated that, in order to demonstrate compliance with 6 NYCRR Part 360 and maintain a zero percent methane gas migration limitation at the landfill boundary, the Town shall conduct the monitoring program, as described in the LKB Report (LKB, 1987), to be amended, as necessary. The monitoring program is summarized in an annual engineering report addressing the status of all LFG monitoring programs, including the Zero Percent Gas Migration Limitation Survey.

The Town's current 6NYCRR Part 360 Solid Waste Management facility permit (#1-2824-00528/00005) which expires on June 17, 2012, allows for the operation of a municipal solid waste transfer station serving the Town of Oyster Bay, with a solid waste special condition stipulating quarterly monitoring of methane in the transfer station building, the maintenance building and the office building.

1.3 Background on the OBSWDC Landfill Gas Control System

In response to reports of off-site landfill gas migration onto the NCFTC, the original landfill gas system (Phase 1) was installed in 1981 including eight (8) wells generally located along the shared property line with the NCFTC. These wells were connected to a blower station and vented to the atmosphere. In 1983, with further reports of migrating gas crossing Winding Road, the original collection system was expanded along Winding Road (Phase 2) with another six wells. In 1984, the Town installed three deep wells (designated GW-1, 2 and 3) atop the existing landfill to assess the properties of the deposited landfill mass in anticipation of letting a contract for gas to energy production. That contract was awarded in 1985 and the contractor, Energy Tactics, Inc. (ET) took possession of the three wells for their use. Also in 1985, the collection system was further expanded around the northern slope onto the western side of the landfill (Phase 3) with an additional eight wells to protect properties located on Claremont Road. The TO was installed around this time.

In 1991, in order to better control gas around the Briden property located at the southern end of Claremont Road, additional wells were placed along that property boundary. During that work, additional wells to augment the methane gas quality were installed along the bench above the Phase 2 Pit area. Sufficient additional collection pipe was installed to complete the loop around the landfill, thereby allowing the blower station to extract gas from both ends of the collection system. This is now known as the Phase 4 system. The Phase 4 wells installed above the Phase 2 Pit area and some of the Phase 3 wells were subsequently turned over to the gas to energy contractor for his use. The loss of those wells greatly diminished overall landfill gas quality at the TO. Subsequent to this loss, Town personnel became more

pro-active in managing gas flow to the TO to maintain combustion without using supplemental (propane or utility natural gas) fuel.

In 1992, the Town entered into a betterment agreement with Nassau County to better control offsite migration onto the NCFTC. That agreement resulted in the installation of three additional wells along the shared NCFTC property line and another blower skid paid for by the County, but required the Town to keep all the wells bordering the NCFTC fully open at all times to prevent the migration of landfill gas onto that site.

Until 2003, the extraction wells within the area atop the landfill were used exclusively by the gas to energy contractor. During the time that the contractor had exclusive rights to mine the landfill gas, they took over the three (3) GW wells, some Phase 3 and Phase 4 gas wells, and he installed a number of additional wells (now known as the "ET wells") at the contractor's own expense. That well matrix was connected by an ever changing array of gas collection piping to maximize the heat value of the mined gases. When the gas to energy equipment at the site ceased to operate due to diminishing gas quantities, the plateau area was abandoned by the contractor for further gas extraction. When the gas to energy contractor ceased operation in 2003, the portion of piping still serviceable was claimed by the Town to operate as part of the overall landfill gas collection system. When the contractor formally left the site and removed his generating equipment in 2005, the wells and piping were turned over to the Town by agreement.

The diminishing levels of methane attributed to the age of the landfill have also impacted the operation of the perimeter gas control system's TO. Since 2003, the Town has incorporated selected extraction wells formerly utilized by the gas to energy contractor to supplemental the landfill gas quality at the TO. However, the quality of this gas has continued to decrease. In May 2008, the TO became inoperable, primarily due to diminishing methane gas quality. An inspection of the flare at that time indicated that extensive equipment rehabilitation was required before placing it back online. A detailed evaluation of the overall gas control system was performed to identify its current conditions and make recommendations for system repairs and future system operations. The majority of the gas collection wells and piping were generally in satisfactory condition, although most required some maintenance. Based on the results of this evaluation, certain adjustments and repairs to the system were performed by Town maintenance personnel and a repair contract was developed to implement repairs that were beyond the Town's capabilities. The necessary repairs to the TO were specialized and a contractor capable of conducting these repairs was solicited to perform further inspections and evaluation of the mechanical and electrical systems. Based on the results of this evaluation a separate contract was prepared for the repair of the TO.

In order to continue the Town's obligation to prevent offsite gas migration while the system repairs would be accomplished, the perimeter gas control system, which typically has very low LFG concentrations, (e.g., around 2% gas) continued operation with the gas being exhausted to the atmosphere. To evaluate whether venting perimeter gas to the atmosphere while repairs were made would result in a significant risk to public health or the environment, the Town directed RTP to assess emissions from direct venting of the perimeter collection system gas. RTP's assessment roughly estimated that, from an air emissions perspective, it appeared that venting the perimeter landfill gas collection system uncontrolled may be a viable option. Specifically, using a single site-specific total non-methane organic compound data collected at the blower station in 2007, at a LFG flow rate of 500 cubic feet per minute (cfm), RTP calculated total VOC emissions to be 4.4 tons per year. RTP also calculated hazardous air pollutant (HAP) emissions to be 3.6 tons per year based on the USEPA AP-42 HAP emission factors for MSW-generated LFG. Based on these data and assumptions, VOC and HAP emissions from the uncontrolled release of perimeter system gas as configured at 500 cfm would fall below air-permitting thresholds.

As a follow-up to their initial assessment, RTP collected a one (1) 10-Liter Tedlar bag sample of landfill gas at the blower on October 16, 2008 and had it analyzed for speciated VOCs via EPA Method TO-15. To assess the significance of these results with respect to air quality, LKB compared them to the NYSDEC DAR-1 SGCs and AGC (Short-Term and Annual Guideline Concentrations, respectively). No VOCs were detected in the perimeter system gas at concentrations exceeding their respective SGC or AGC. Based on one (1) actual gas sample, VOC emissions from the gas collection system are not significantly impacting local ambient air quality. The quarterly monitoring of ambient air and soil gas at the site during 2008 and 2009 have not indicated any specific impacts from the perimeter gas control system emissions or offsite soil gas conditions, although several HAP compounds are found to be significantly in excess of AGC values in both upwind and downwind ambient samples.

LKB performed, concurrently, with the system equipment evaluation and the air emissions assessment, an evaluation of the system operations to develop recommendations to improve system performance as the methane generation by the landfill continues to decline. This evaluation was based on a review of the existing gas data, the age of the landfill, its declining gas generation and the Town's obligation to control offsite gas migration.

To improve system performance, LKB recommended that following the system-wide repair contract, the existing wells that are better methane producers (i.e., the internal landfill gas extraction wells, including those wells that were not originally part of the Town's system) be separated from the wells that are not producing significant amounts of methane (i.e., the perimeter landfill gas extractions wells). The existing

gas control system would be re-configured to accommodate an 'internal" collection and flare system operating in parallel with an atmosphere-vented perimeter system. By withdrawing gas from the internal portion of the landfill, this will provide the added benefit of reducing gas pressure build-up and hence help control potential gas migration.

1.4 Background of the Ambient Air, Soil Gas, Pressure Monitoring and Thermal Oxidizer Tests

The sampling and analysis of ambient air and soil gases as well as the pressure sampling in the areas at and surrounding the OBSWDC as part of the RAP Attachment 2 began in 1990. The program initially required quarterly testing of ambient air at three (3) locations surrounding the landfill. The program was modified slightly and meteorology was monitored to assure upwind samples were representative of upwind sources and downwind samples captured the impact of landfill activities. Soil gas samples have been collected quarterly from a group of preselected wells, when available. Access to soil gas wells at times precludes sample collection. Soil gas pressures have been collected quarterly from a separate group of preselected wells. The results of these quarterly sampling efforts are analyzed and summarized in RAP Quarterly Reports. RAP Attachment 2 also initially required quarterly monitoring of the emissions from the TO. The emission measurement program characterized the VOC air emissions from combusting LFG in the TO at the OBSWDC. The Consent Decree also provided for an automatic reduction in the quarterly testing frequency of the TO stack emissions after the initial year of monitoring. The change to annual testing of the stack emissions took place on November 10, 1992. The results of the testing indicated that the TO emissions have been minimal and their impact was well within NYSDEC Annual and Short-Term Concentration Guidelines.

In 2008 and 2009, four (4) quarterly rounds of ambient air, subsurface soil gas sampling and pressure readings were performed. The 2008 and 2009 results have been submitted to the Town in separate RTP reports and therefore, will not be addressed in this 2008 - 2009 Annual Report. The TO was not tested in 2008 or 2009, as discussed above.

1.5 Background of Gas Detection and Control Programs

As noted above, the Town initiated several detection and control programs to monitor and prevent the offsite migration of LFG in the vicinity of the OBSWDC in the late 1970s. Initially, the Town installed permanent sampling probes around the perimeter of the OBSWDC to detect potential offsite LFG migration. Based on the LKB Engineering Report dated June 1980 (LKB, 1980), actions were immediately undertaken by the Town to alleviate offsite LFG migration onto the NCFTC. The Phase 1

Gas Control and Recovery System became operational in June 1982. Eventually, three (3) additional Phases were added to fully encircle the landfill as previously discussed in Section 1.3.

In 2008 an accident caused a breach in the perimeter gas control system near Briden Construction. The system design allowed the majority of the collection system to be placed back in operation shortly after the breach of the collection header along the western slope of the landfill. The broken header was sealed in two (2) locations adjoining the breach allowing negative pressure to be maintained while final repairs were being arranged. While certain adjustments and repairs to the system are routinely performed by Town maintenance personnel, a system-wide inspection was performed following the accident and a repair contract was developed to implement repairs that were beyond the Town's capabilities.

1.6 Background on Energy Production and NCFTC Projects

In addition to the previously mentioned detection and control programs, several other programs have been implemented to monitor, prevent and/or upgrade systems associated with controlling the offsite migration of landfill gases. With respect to utilizing gas being generated by the landfill, in December 1985, the Town granted and leased all rights to the LFG, which was produced within the existing portions of the OBSWDC to Energy Tactics, Inc. (ET). This lease was to remain in force for 25 years. However, ET suspended energy production in 2003 due to diminishing gas quality as previously discussed in Section 1.3.

In order to maintain a safe environment for training activities at the NCFTC, the County and the Town agreed to jointly study the occurrence of subsurface combustible gas on the NCFTC and recommend appropriate remedial measures. These studies culminated with both parties entering into a betterment agreement in 1992. The County and Town have since concluded that, with the improvements to the Town's facilities and the construction of the County's remediation facilities, all subsurface LFG along the common border of the NCFTC/OBSWDC are being effectively controlled.

2.0 SAMPLING PROGRAMS

The sampling and surveying programs have historically been organized based on monthly, quarterly and annual monitoring periods. Table 2.1 provides the historical monitoring programs that were initiated over the course of evolving sampling programs at the OBSWDC and in surrounding areas. The following sections describe the monitoring activities and equipment associated with required monitoring efforts.

TABLE 2.1

HISTORICAL MONITORING ACTIVITY

Survey No.	Survey Description	Frequency of Monitoring	Monitoring Performed By
1.	Monthly Monitoring Survey	Monthly	TOB
2.	Nassau County Fireman's Training Center Monitoring	Monthly	TOB
3.	Adjacent Building Structures and Incinerator Complex Survey	Monthly	TOB
4.	Senior Citizen Housing Survey	Monthly	TOB
5.	Thermal Oxidizer Temperature Reporting	Monthly	TOB
6.	Ambient VOC Air Sampling	Quarterly	RTP
7.	Subsurface VOC Soil Gas Sampling	Quarterly	RTP
8.	Soil Gas Pressure Readings	Quarterly	RTP
9.	Zero Gas Migration Limitation Survey	Annually	H&S
10.	Nassau County Campground Survey	Annually	H&S
11.	Thermal Oxidizer Emissions Sampling for VOCs	Quarterly/Annually	RTP

Notes: RTP- RTP Environmental Associates, Inc.
TOB- Town of Oyster Bay staff
H&S- Hazen and Sawyer, Inc.

2.1 Monitoring Equipment and Operation

Most of the monitoring identified in Table 2.1 required the use of handheld portable combustible gas monitors. The exceptions are Survey Nos. 5, 6, 7, 8 and 11, as listed in Table 2.1. For these activities, a detailed description of the monitoring equipment is provided in Appendix F of the Quarterly RAP Reports containing the data and analysis.

The Historic Survey Nos. 1, 2, 3, 4, 9 and 10 utilized an MSA Model 60 Combustible Gas Indicator. The Town has been responsible for performing Survey Nos. 1, 2, 3 and 4, while Hazen and Sawyer, P.C. (H&S) had been responsible for performing Survey Nos. 9 and 10 for the 2007 Annual Report. RTP performed Survey Nos. 9 and 10 for the 2008 and 2009 Annual Reports.

The sampling protocols utilized by the Town and H&S include the following. Prior to sampling, Town staff reviewed monitoring equipment instructions and precautions are taken to assure proper equipment (MSA Model 60 Combustible Gas Indicator) operation. The instrument is calibrated (prior to sampling) using a span check gas cylinder with a known methane gas concentration. The aspirator bulb is squeezed

to purge the instrument with fresh air so that readings do not reflect contamination from prior readings. Lastly, excessive liquid quantities are prevented from entering the instrument during sampling (these instruments contain water traps which prevent liquids from being inadvertently drawn). Sampling data collected by Town personnel, using the MSA Model 60 Combustible Gas Indicator, yield readings that are expressed on a scale which measures the concentration of combustible gas present by volume from 0 to 100 percent. In addition to the above, the Town and H&S regularly sent their instruments to the manufacturer for calibration, maintenance and repairs to assure proper equipment operation.

Beginning in 2008, RTP was tasked with taking subsurface combustible gas readings for defining the zero migration limit (Survey No. 10) and the subsurface combustible gas survey at the Nassau County Campground. RTP reviewed the previous sampling procedures as described in the Hazen and Sawyer 2007 Annual Report, which involved using a slam bar to punch 12" holes into the ground every 50' along the perimeter of the landfill boundary and the common boundary between the OBSWDC and the Nassau County Campground (H&S, 2007). To expedite sampling and improve ground penetration, RTP substituted a ¾" diameter, 18" long concrete auger bit, powered by a handheld drill for the slam bar to make the necessary unsupported subsurface access points or soil gas wells. A ¼" stainless steel tube was then used, along with a rubber stopper, to seal the nominal 18" deep wells.

The rationale for extending the soil gas sampling point to an 18" depth is based on assuring the well would likely penetrate an impervious surface, if present. Occasionally, the well drilling cannot reach a full 18" depth because of rocks or other obstacles. In those cases, additional attempts to drill a point are made with the minimal depth of any soil gas well being at least 12". A Tygon sampling line and a filter are used to prevent dust and debris from entering the multi-gas monitor. This assembly is then attached to a RAE Systems VRAE Multi-Gas Monitor to determine percent levels of combustible gas in each soil gas well. The unit minimum detection limit is 0.1 percent of combustible gas, measured digitally. It takes approximately 5-seconds for the soil gas in the well to make it to the sensor. The sensor reaches a stable reading within 15-seconds and the peak value of the combustible gas percentage is recorded. The RAE Systems VRAE Multi-Gas Monitor is pre- and post-calibrated by the equipment supplier.

A series of maps were used to define the location of the sampling points used in previous surveys of the landfill boundary, Nassau County Campground, Senior Citizens Housing Complex and other features potentially impacted by subsurface LFG migration from the landfill. Based on the maps and lack of in-field reference points, it was determined that the best way of locating sampling points, relative to the above referenced features, would be to use a Trimble GEOXT Global Positioning System (GPS). According to the manufacturer, the system accuracy is approximately 3' of the actual position. The Trimble GPS allowed automated storage of each well's coordinates and percentage of combustible gas.

The GPS approach provides an improvement in the accuracy of recording the location of sampling points and potential problem areas, if present.

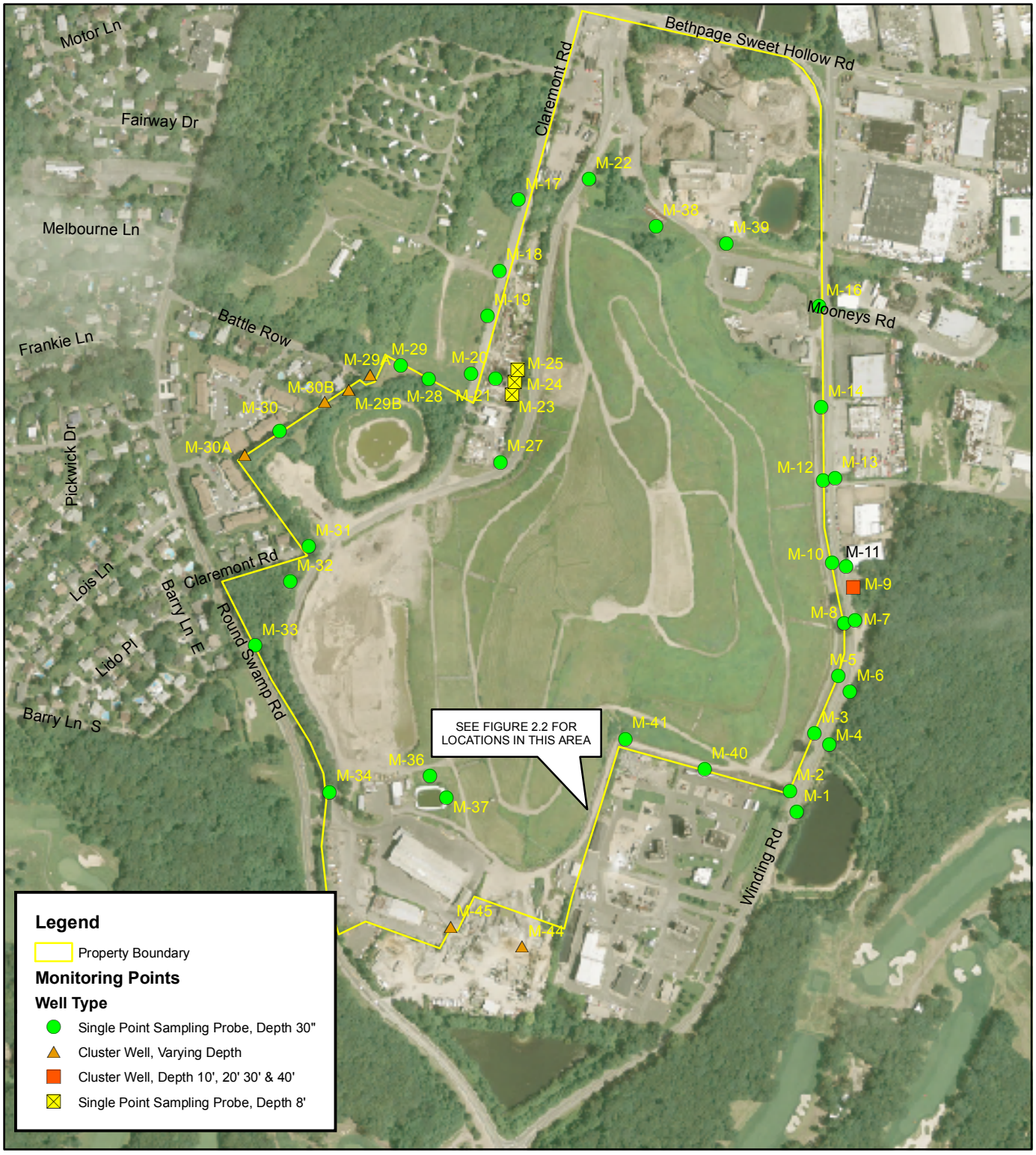
Historically, the sampling by TOB personnel was performed in accordance with the procedures, protocols and schedules recommended in the Annual Reports, as amended (per the Consent Decree), to reflect the modifications to the landfill gas system and changing gas conditions at the site. The well documented lack of sufficient combustible gas in previous efforts, the lack of off-site property owner reports of odors or combustible gas and abandonment/removal of structures from service, indicated that the majority of the historical programs listed in Table 2.1 are no longer warranted (LKB, 2009).

2.2 Current Gas Monitoring

Several gas monitoring programs were initially implemented at the OBSWDC to locate and/or detect areas of offsite LFG migration and to fulfill solid waste management operating permit special conditions for the site. The facility and site surveys were conducted to ascertain the extent of LFG migration along the OBSWDC boundary. The site surveys also assessed the effectiveness of Phases 1, 2, 3 and 4 of the perimeter gas control and recovery systems in preventing offsite LFG migration onto NCFTC property and buildings adjacent to Winding, Round Swamp and Claremont Roads. Data obtained in the site surveys were ultimately used to develop remedial programs for the modification and expansion of gas control and recovery systems, as necessary.

Town personnel were initially tasked with performing monthly monitoring (Historical Survey Nos. 1 and 2 from Table 2.1) at: the permanent sampling probes at the perimeter of the OBSWDC and at the NCFTC (Figures 2.1 and 2.2) to provide an early warning in the event any offsite migration occurs onto NCFTC property or beyond the OBSWDC property boundary; various locations at commercial properties immediately adjacent to the OBSWDC along Winding, Round Swamp and Claremont Roads, and in buildings located at the OBSWDC (Historical Survey Nos. 3 and 4 from Table 2.1) due to initial reports of combustible gas in the vicinity of, and in one case, within one of the buildings (Key Way Concrete Supply Corp., 100 Battle Row, 1983 (LKB, 1985)).

The above referenced monthly monitoring surveys were not performed in 2008 or 2009 due to the removal of this special condition from the site's operational permit which reflects the historically well documented lack of migration of combustible gas beyond the landfill footprint, the lack of off-site property owner reports and abandonment/removal of structures from service (LKB, 2009).



N

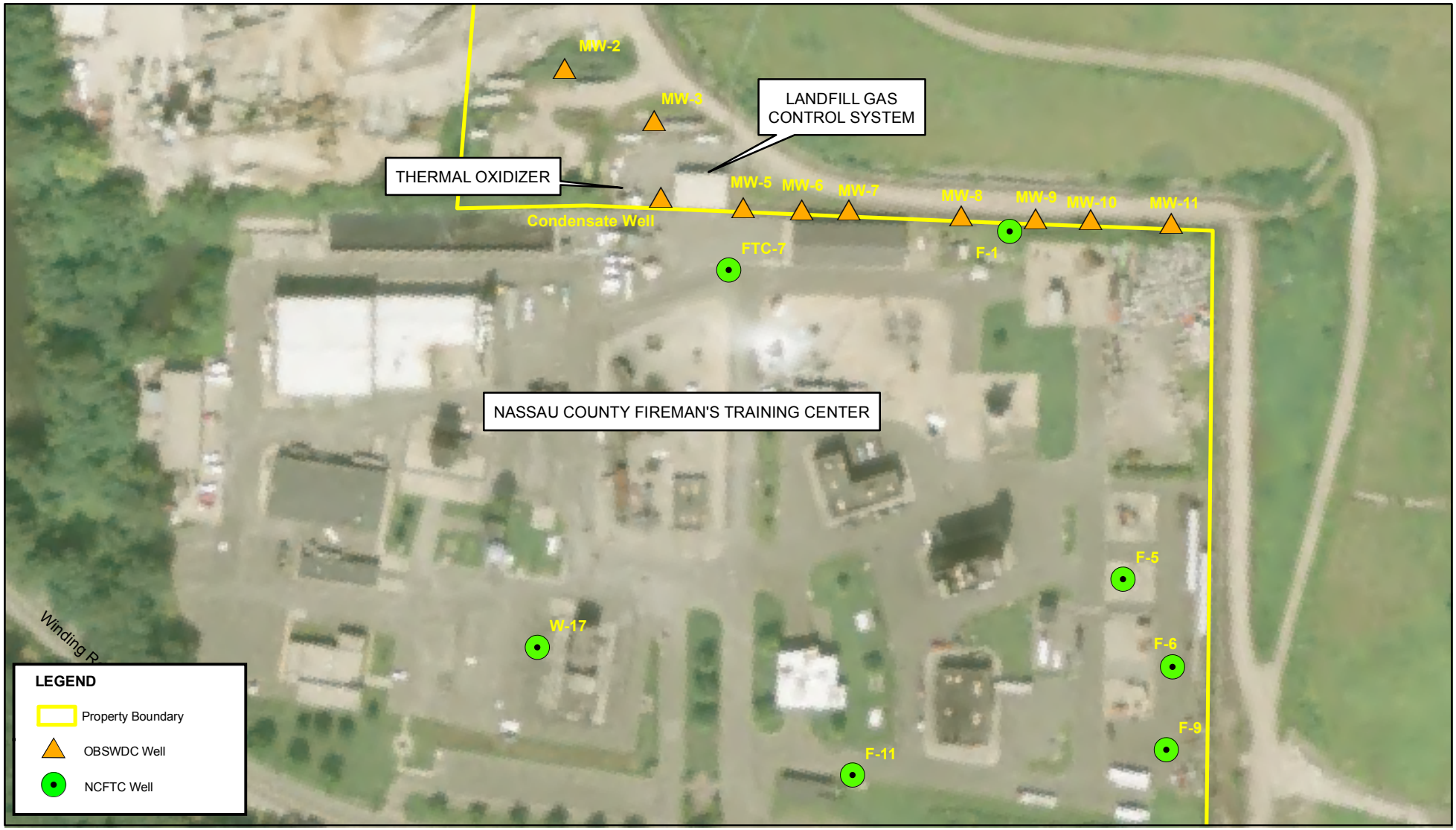
0 250 500 1,000 Feet

FIGURE 2.1
PERIMETER WELL MONITORING POINTS

TOWN OF OYSTER BAY
SOLID WASTE DISPOSAL COMPLEX
OLD BETHPAGE, NEW YORK

ORTHOIMAGERY SOURCE:
NAIP 2009

RTP Environmental Associates, Inc.
Westbury, New York



0 62.5 125 250 375 500 Feet

ORTHOIMAGERY SOURCE:
NAIP 2009

RTP Environmental Associates, Inc.
Westbury, New York

FIGURE 2.2
WELLS ADJOINING FIREMANS TRAINING CENTER

TOWN OF OYSTER BAY
SOLID WASTE DISPOSAL COMPLEX
OLD BETHPAGE, NEW YORK

An extensive evaluation of the historic gas monitoring programs was performed by LKB, including the program's initial purpose, to assess their applicability to the current site conditions and regulatory requirements. The evaluation resulted in recommended modifications to the above site and area-wide monitoring programs that were conducted by Town and other personnel at the OBSWDC which are outlined in this report (LKB, 2009). The changes in approach are intended to make the programs more reflective of the current LFG conditions at the site and current permit conditions, while not affecting whether LFG migration will be detected and whether further remedial actions should be initiated, as necessary (LKB, 2009). The proposed amendments to monitoring locations and their associated monitoring frequencies are listed in Section 5.0 of this report.

The Town had voluntarily conducted supplemental gas monitoring in and around the vicinity of the NCFTC at various frequencies when deemed necessary over the years as the landfill gas control system was being constructed. Voluntary sampling had been conducted at locations within the NCFTC and at the cluster wells located along the western property boundary of the NCFTC. No complaints were recorded that would have caused the initiation of voluntary sampling in 2008 - 2009.

Although not part of the gas monitoring effort, the Town is required to report monthly temperature data for the TO as part of the RAP. This is Survey No. 5 of the historical monitoring activity in Table 2.1. As discussed in Section 1.3 above, in May 2008, the TO became inoperable primarily due to diminishing methane gas quality (LKB, 2009). An inspection of the flare at that time indicated that extensive equipment rehabilitation was required before placing it back online. The Town has contracts underway to perform repairs and improvements to the gas control system. Monitoring of TO emissions will recommence once the unit is returned to service (LKB, 2009).

The monitoring efforts listed as Survey Nos. 6 through 11 in Table 2.1 were performed by RTP in 2008 and 2009. The ambient air VOC sampling (Survey No. 6), the subsurface VOC soil gas sampling (Survey No. 7) and the soil gas pressure readings (Survey No. 8) were performed quarterly during 2008 and 2009. The data for 2008 and 2009 are provided under separate cover in four (4) reports and an annual summary report for each year.

RTP was tasked in early 2009 with performing the Zero Gas Migration Limitation Survey (Survey No. 9). The 2008 survey was performed between August 25 through 27, 2009. The survey was not initially performed in the last quarter of 2008 because of the damage to the perimeter collection system. The 2008 survey was eventually performed even though repairs to the perimeter collection system were only partially completed. The 2009 Survey was performed on November 11 through 13, 2009. These data are discussed in Section 3 of this report.

RTP was also tasked with performing Survey No. 10, listed in Table 2.1, the Nassau County Campground Survey for 2008 and 2009. This survey for 2008 was performed on August 27, 2009 and for 2009 on November 11, 2009 as extensions of the Zero Gas Migration Limitation Survey. The data from these surveys are also provided in Section 3 of this report.

Finally, RTP was tasked with performing Survey No. 11, as listed in Table 2.1 for 2008 and 2009. The TO shut down in May 2008 before the 2008 annual stack test could be conducted. The TO was out of service for the remainder of 2008 and 2009. Therefore, the 2008 and 2009 tests were not conducted but a test will be performed after repairs are made to the TO. The TO test results have been reported in separate stand alone stack test reports.

3.0 DISCUSSION OF RESULTS

3.1 General

Sampling data generated from survey programs identified above are used to detect potential problematic areas and to develop design parameters for modification and expansion of LFG control system, as necessary. As of August, 2009, the LFG control system (included in Phases 1, 2, 3 and 4 of the perimeter collection system) completely encircled the landfill, extending along the northern and western sides of the NCFTC, along Winding Road and along the northwestern portion of the OBSWDC adjacent to Claremont Road, as shown in Figure 2.1.

3.2 Landfill Gas Migration Limitation Surveys

The following LFG surveys were conducted to establish the extent of LFG migration, both on and offsite of the OBSWDC. Specifically, the Zero Gas Migration Limitation Survey and Nassau County Campground Survey (Table 2.1, Nos. 9 and 10, respectively) are used to define the level of migration.

3.2.1 Zero Gas Migration Limitation Survey

A site monitoring program for the 2008 calendar year, consisting of sampling points exploring the lateral migration of LFG around the outer boundary of the landfill, was conducted by RTP personnel during August 2009. This includes Survey Nos. 9 and 10, the Zero Gas Migration Limitation and the Nassau County Campground Surveys, respectively. Three-quarter inch (3/4") sample well holes were drilled between 12 to 18 inches in depth, and spaced 50’ apart along the outer boundary of the landfill and other areas around the landfill. The survey was continued radially outward when a positive combustible gas

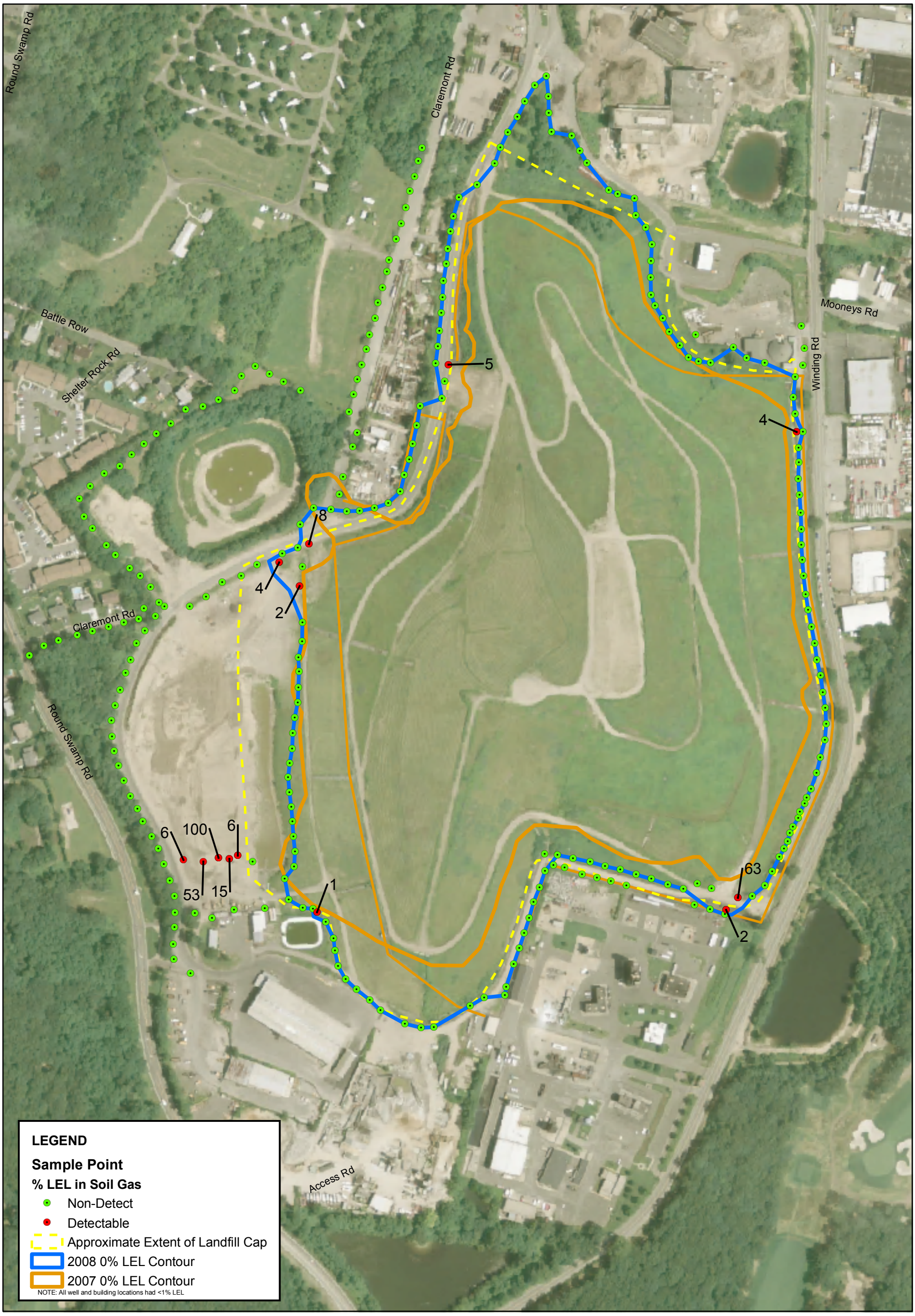
reading was obtained at a sampling point. Sampling points were installed radially outward until a zero combustible gas reading was obtained. This series of points would then provide the boundary of the zero gas migration limit, as required by the Consent Decree. The collected data was then used to identify the extent of combustible gas migration "line of zero percent combustible gas" readings in and around the OBSWDC. Sample points are not installed radially inward toward the landfill to avoid damage to the landfill cap.

The 2008 annual survey data collected on August 25-27, 2009 is presented graphically on Figure 3.1. The combustible gas migration limitation contour compiled for 2008 is compared with the previously established 2007 contour (H&S, 2007) in Figure 3.1. The specific findings of the 2008 annual survey are:

- The results of the 2008 Annual Site Survey demonstrate that LFG migration has been contained within the entire OBSWDC boundary. As shown on Figure 3.1, the line of well points has retreated slightly in some areas from the 2007 Report. Combustible gas readings are provided on Figure 3.1 and the NY State Plane coordinates and all gas readings are provided in Appendix B as Table 3.1. It should be noted that these combustible gas readings are reported in percent LEL (Lower Explosive Limit, which is 5% combustible gas), not percent gas. Therefore, a result of "2" is 2% of 5%, or 0.1% combustible gas in the soil gas.

  Combustible gas was detected at several sample locations within the OBSWDC property. However, detections along the landfill cap perimeter were limited to a few sporadic, low-level occurrences. This included the western portion of the OBSWDC property (adjacent to the eastern property boundary of Briden Construction), the southeastern portion near the border of the NCFTC and the largest area which is between the southwestern boundary of the landfill and the internal landfill perimeter road. In all cases, the soil gas concentration decreases within a few seconds of inserting the probe into the well, except for the area to the southwest of the landfill where elevated readings persisted.

- LKB was contacted and informed of the findings (RTP, 2009). LKB's analysis of the data indicated that the detections within the southern area of former Phase 2 pit area are attributed to the shallow soil most recently placed there, not to the landfill, which is separated from the fill area by the storm water retention area in the Phase 2 pit. The soil contained 1-3 percent naturally occurring organics and was high in fines. Therefore, it contained enough organics to generate



N

0 125 250 500 750 1,000 Feet

ORTHOIMAGERY SOURCE:
NAIP 2009

RTP Environmental Associates, Inc.
Westbury, New York

FIGURE 3.1
2008 ANNUAL ZERO GAS MIGRATION LIMITATION SURVEY
Dated: August 2009

TOWN OF OYSTER BAY
SOLID WASTE DISPOSAL COMPLEX
OLD BETHPAGE, NEW YORK

detectable levels of methane, and has a high porosity but low permeability to retain the methane. LKB expects that methane levels in the former Phase 2 pit area will decline over time as the organics in the soil are broken down. Accordingly, no recommendations of any action regarding the methane levels in the former Phase 2 pit area were made at this time, with the exception of performing gas monitoring if excavation is performed in this area (RTP, 2009).

- The area around the Nassau County Campground, the Senior Citizens Housing along Round Swamp Road, the area along Winding Road and the NCFTC border were all free of combustible gas, as shown in Figure 3.1 and in Appendix B as Table 3.1.

The Farmingdale Airport concurrent meteorological data for the August 25-27, 2009 sampling period are presented in Appendix B.

The 2009 Annual Survey data collected on November 17-18, 2009 is presented graphically on Figure 3.2. The combustible gas migration contour compiled for 2009 is compared with the 2008 contour previously established in Figure 3.1. The specific findings of the 2009 annual survey are:

- The results of the 2009 Annual Site Survey demonstrate that shallow subsurface LFG migration has been contained within the entire OBSWDC boundary. As shown on Figure 3.2, the limit of zero gas migration has retreated slightly in some areas from the 2008 survey. Actual percent LEL combustible gas readings are provided on Figure 3.2 and the UTM coordinates and all gas readings are provided in Appendix B as Table 3.2.

  Combustible gas was detected at several sample locations within the OBSWDC property. However, detections along the landfill cap perimeter were limited to a few sporadic, low-level occurrences. This included the western portion of the OBSWDC property (adjacent to the eastern property boundary of Briden Construction), the southeastern portion near the border of the NCFTC and the largest area which is between the southwestern boundary of the landfill and the perimeter road. In all cases, the gas concentration decreases within a few seconds of inserting the probe into the well, except for the area to the southwest of the landfill where readings persisted.

- LKB was contacted and informed of the findings (RTP, 2009a). LKB's analysis of the data was similar to their analysis of the 2008 annual survey and they indicated that the detections within the southern area of former Phase 2 pit area are attributed to the shallow soil most recently placed there, not to the landfill which is separated from the fill area by the storm water retention area in

ORTHOIMAGERY SOURCE:
NAIP 2009

RTP Environmental Associates, Inc.
Westbury, New York

FIGURE 3.2
2009 ANNUAL ZERO GAS MIGRATION LIMITATION SURVEY

Dated: November 2009

TOWN OF OYSTER BAY
SOLID WASTE DISPOSAL COMPLEX
OLD BETHPAGE, NEW YORK

the Phase 2 pit. The soil contained 1-3 percent organics and was high in fines. Therefore, it contained enough organics to generate detectable levels of methane, and has a high porosity but low permeability to retain the methane. LKB expects that methane levels in the former Phase 2 pit area will decline over time as the organics in the soil are broken down. Accordingly, no recommendations of any action regarding the methane levels in the former Phase 2 pit area were made at this time, with the exception of performing gas monitoring if excavation is performed in this area (RTP, 2009a).

- Combustible gas readings were also detected at specific points to the east and north of the landfill footprint and one near the Senior Housing Complex on the western property boundary. All of these readings were at or below 2% of the lower explosive limit (LEL).

- The areas around Nassau County Campground, the area along Round Swamp Road, the area along Winding Road; the area along Bethpage Sweet Hollow Road; and areas along the southern property line were all free of combustible gas, as shown in Figure 3.2 and in Appendix B as Table 3.2.

Hourly Farmingdale, New York concurrent surface meteorological data for the sampling dates of November 16-17, 2009 are provided in Appendix B.

3.2.2 Monthly Monitoring Survey

As previously stated, the historic monthly monitoring surveys were not performed in 2008 or 2009 due to the removal of this special condition from the site's operational permit which reflects the historically well documented lack of migration of combustible gas beyond the landfill footprint, the lack of off-site property owner reports and abandonment/removal of structures from service (LKB, 2009).

In an effort to confirm the gas conditions in the perimeter gas monitoring wells and make recommendations for future monitoring programs, RTP performed one (1) perimeter gas well monitoring event following the previous monthly monitoring survey protocols in conjunction with the 2009 Annual Zero Gas Migration performed in November 2009. The locations along the OBSWDC property boundary and at the NCFTC were monitored once for the presence of combustible gas. The locations of these wells are identified on Figures 2.1 and 2.2. The actual survey took place preceding the Zero Gas Migration Limitation Survey conducted from November 16 - 17, 2009. The combustible gas data for these locations are presented on Tables 3.3. The data show that none of the wells available to be sampled had measurable combustible gas. The readings at all well locations were non-detectable (i.e., less than 1% of the LEL). The readings in the buildings surveyed were all non-detectable (i.e., less than 1% of the LEL).

TABLE 3.3
2009 GAS WELL SURVEY DATA
NOVEMBER 2009

Date	Sample ID	% LEL*	X	Y	Comments
11/16/2009	F-1	0	1137085	214308	
11/16/2009	F-2				NA
11/16/2009	F-3	0	1137304	214463	
11/16/2009	F-4				NA
11/16/2009	F-5 (10')	0	1137458	214328	
11/16/2009	F-5 (20')	0	1137458	214328	
11/16/2009	F-5(30')	0	1137458	214328	
11/16/2009	F-5 (40')	0	1137458	214328	
11/16/2009	F-6 (10')	0	1137557	214354	
11/16/2009	F-6 (20')	0	1137557	214354	
11/16/2009	F-8				NA
11/16/2009	F-9 (10')	0	1137637	214326	
11/16/2009	F-9 (20')	0	1137637	214326	
11/16/2009	F-10				NA
11/16/2009	F-11	0	1137580	214009	
11/16/2009	FTC-7	0	1137049	214021	
11/16/2009	M-1	0	1137862	214244	NA
11/16/2009	M-2	0	1137835	214327	
11/16/2009	M-3	0	1137935	214562	
11/16/2009	M-4	0	1137993	214518	
11/16/2009	M-5	0	1138031	214796	
11/16/2009	M-6	0	1138078	214733	
11/16/2009	M-7	0	1138099	215021	
11/16/2009	M-8	0	1138055	215011	
11/17/2009	M-9 (10')	0	1138092	215156	
11/17/2009	M-9 (20')	0	1138092	215156	
11/17/2009	M-9 (30')	0	1138092	215156	
11/17/2009	M-9 (40')	0	1138092	215156	
11/16/2009	M-10	0	1138005	215254	Top of Well Broken
11/16/2009	M-11	0	1138062	215240	NA
11/16/2009	M-12	0	1137969	215589	
11/16/2009	M-13	0	1138017	215599	
11/16/2009	M-14	0	1137961	215887	
11/16/2009	M-16	0	1137954	216297	
11/16/2009	M-17	0	1136732	216730	NA
11/16/2009	M-18	0	1136654	216441	
11/16/2009	M-19	0	1136605	216259	
11/16/2009	M-20	0	1136540	216023	
11/16/2009	M-22	0	1137018	216814	
11/16/2009	M-27	0	1136658	215664	NA
11/16/2009	M-28	0	1136366	216001	
11/16/2009	M-30	0	1135762	215789	
11/16/2009	M-31	0	1135881	215322	
11/16/2009	M-34	0	1135965	214324	
11/16/2009	M-37	0	1136439	214302	
11/16/2009	M-38	0	1137290	216623	NA
11/16/2009	M-39	0	1137576	216552	
11/16/2009	M-40	0	1137488	214417	NA
11/16/2009	M-41	0	1137166	214540	
11/16/2009	M-45	0	1136456	213777	NA
11/17/2009	MW-1 Upper				NA
11/17/2009	MW-1 Lower				NA
11/17/2009	MW-2 Upper	0	1136807	213912	
11/17/2009	MW-2 Lower	0	1136807	213912	
11/17/2009	MW-3 Upper	0	1136882	213987	
11/17/2009	MW-3 Lower	0	1136882	213987	No Valve
11/17/2009	MW-5 Upper	0	1136991	214052	
11/17/2009	MW-5 Lower	0	1136991	214052	
11/17/2009	MW-6 Upper	0	1137009	214109	
11/17/2009	MW-6 Lower	0	1137009	214109	
11/17/2009	MW-7 Upper		1137024	214163	Well Cut
11/17/2009	MW-7 Lower		1137024	214163	Well Cut
11/17/2009	MW-8 Upper	0	1137057	214265	
11/17/2009	MW-8 Lower	0	1137057	214265	
11/17/2009	MW-9 Upper	0	1137080	214337	
11/17/2009	MW-9 Lower	0	1137080	214337	
11/17/2009	MW-10 Upper		1137104	214414	No Valve
11/17/2009	MW-10 Lower		1137104	214414	Well Cut
11/17/2009	MW-11 Upper	0	1137120	214470	
11/17/2009	MW-11 Lower	0	1137120	214470	No Valve Tank
11/16/2009	W-17	0	1137370	213733	
11/16/2009	W-22				NA
11/16/2009	W-23				NA

Notes: NA – Not Accessible
***For all wells that were NA and have a 0% LEL, a point was drilled and reading was taken.**
XY Coordinates in NY State Plane Long Island (Feet) NAD83

These results support the recommended amendments to the monitoring programs which are summarized in Section 5.0 of this report. The changes in approach will make the programs more reflective of the current LFG conditions at the site and current permit conditions and better coordinate the monitoring effort, while not affecting whether LFG migration will be detected and whether further remedial actions should be initiated as necessary.

3.3 Facility Survey

As previously stated, the historic monthly monitoring surveys, including the historical facility survey, were not performed in 2008 or 2009 due to the removal of this special condition from the site's operational permit which reflects the historically well documented lack of migration of combustible gas beyond the landfill footprint, the lack of off-site property owner reports and abandonment/removal of structures from service (LKB, 2009).

As part of the previously discussed extensive evaluation of the historic gas monitoring programs, and in an effort to confirm the current gas conditions at certain of these locations in order to make recommendations for future monitoring programs, RTP performed gas monitoring at some of the historical facility locations that are still in existence. All readings were non-detectable (i.e., less than 1% of the LEL). The available combustible gas data for the building survey are presented in Table 3.4.

TABLE 3.4
2009 FACILITY COMBUSTIBLE GAS SURVEY WITHIN STRUCTURES
NOVEMBER 2009

Date	Sample ID	% LEL	X	Y	Comments
11/17/2009	RAP Building 1	0	1137670	216424	Northern Interior
11/17/2009	RAP Building 2	0	1137670	216424	Northwest Interior
11/17/2009	RAP Building 3	0	1137670	216424	Southern Interior
11/17/2009	RAP Building 4	0	1137670	216424	Entrance to Lab/Control Room
11/17/2009	RAP Building 5	0	1137670	216424	Southern Acid Storage Tank
11/17/2009	RAP Building 6	0	1137670	216424	Northern Acid Storage Tank
11/17/2009	RAP Building 7	0	1137670	216424	Mezzanine Level
11/17/2009	Scale house	0	1137123	217183	
11/17/2009	Blower Station	0	1136960	213973	Condensate Well
11/17/2009	Blower Station	0	1136965	214029	Drain 1
11/17/2009	Blower Station	0	1136961	214012	Drain 2
11/17/2009	Guardhouse	0	1137104	217083	
11/17/2009	Town Offices	0	1136086	214282	
11/17/2009	Leachate Building	0	1136225	214326	
11/17/2009	Transfer Station	0	1136350	214028	
11/17/2009	Maintenance Gar.	0	1136227	213851	
11/17/2009	Recycling Area	0	1137787	216141	

Notes:
XY Coordinates in NY State Plane Long Island (Feet) NAD83

4.0 SUMMARY AND CONCLUSIONS

4.1 Landfill Gas Migration

4.1.1 2008 Site Surveys

The 2008 Annual Zero Gas Migration Limitation Survey data, obtained by RTP personnel collected during August 25 through 27, 2009, are provided in Appendix B as Table 3.1. This data was used to identify all points with zero combustible gas, and therefore, defines the zero percent combustible gas migration contour. As shown in Figure 3.1, the migration contour remained relatively stable when compared to the 2007 survey contour.

The following conclusions are based on the site survey data obtained in the 2008 annual site survey:

- During the 2008 annual site monitoring, low levels of combustible gas (i.e., 5% of the LEL) were encountered in the northwestern area of the site, east of the perimeter road and northeast of the Briden Construction Company property. Three (3) pockets of low level combustible gas (i.e., 2%, 4% and 5% of the LEL) were encountered on-site on the western portion of the OBSWDC site near the edge of the landfill and to the south of the landfill perimeter road across from Recharge Basin No. 1. The Town's remedial actions have, therefore, restricted gas to onsite areas. The additional LFG extraction wells (LGV-29, 30, 31, and 32), installed as an extension of Phase 3 Gas Control System, should continue to control any future gas migration.

- Both the southern (contiguous to the NCFTC) and eastern portions of the OBSWDC, which has experienced offsite migration of LFG in the past, continue to show that the zero percent combustible gas contour is confined to areas located within the property boundaries of the OBSWDC. Two (2) pockets of gas (i.e., 2% and 63% of the LEL) were detected in this section of the OBSWDC site; one near well PW2 and one along Winding Road. Again, these results are likely due to the successful operation of the Phase 1 Gas Control System, which continues to protect the NCFTC facilities from the lateral migration of LFG and the Phase 2 System, which has prevented LFG radial migration along Winding Road.

- The final area, where combustible gas was detected, was between the southwestern boundary of the landfill and the perimeter road. This area was located just north of the Town’s site offices, just southwest of the storm water retention area on the west side of the landfill. LKB’s analysis of the data indicated that the detections within the southern area of former Phase 2 pit area are

attributed to the shallow soil most recently placed there, not to the landfill which is separated from the fill area by the storm water retention area in the Phase 2 pit. The soil contained 1-3 percent organics and was high in fines. Therefore, it contained enough organics to generate detectable levels of methane, and has the high porosity but low permeability to retain the methane. LKB expects that methane levels in the former Phase 2 pit area will decline over time as the organics in the soil are broken down. Accordingly, no recommendations of any action regarding the methane levels in the former Phase 2 pit area at this time. The area where gas was detected is contained onsite since readings on the west side of the perimeter road all show zero combustible gas. A small pocket of gas was also located onsite, just north of the onsite leachate retention lagoon.

- The Zero Gas Migration Limitation Survey indicates that LFG generated by the landfill is currently being contained by the landfill gas control system, with the only exceptions being the onsite areas mentioned above.

- All other sampling locations monitored in the 2008 Annual Site Survey continue to show that the zero percent combustible gas migration limit remained stable and within the OBSWDC property boundaries. This includes the areas east of Winding Road, the Nassau County Campground, the Senior Citizen Housing, Briden Construction, the NCFTC and other adjoining areas.

4.1.2 2009 Site Surveys

The 2009 Annual Zero Gas Migration Limitation Survey and other survey data, obtained by RTP personnel collected during November 16 - 18, 2009, are provided in Appendix B as Table 3.2. This data was used to identify all points with zero combustible gas, and therefore, defines the zero percent combustible gas migration contour. As shown in Figure 3.2, the migration contour remained relatively stable when compared to the 2008 survey contour.

The following conclusions are based on the site survey data obtained in the 2009 Annual Site Survey:

- During the 2009 annual site monitoring, combustible gas was encountered on-site in wells that ranged from 2 to 19 percent of LEL located south of the terminus of Claremont Road and the Briden Construction Company property. The Town's remedial actions continue to restrict gas to onsite areas in this vicinity. The additional LFG extraction wells (LGV-22, 31 and 32), installed as extensions of the Phases 3 and 4 gas control systems, should continue to control any future gas migration.

- Both the southern (contiguous to the NCFTC and the Seville Concrete Plant) and eastern portions of the OBSWDC, which in the past experienced offsite migration of LFG, continue to show that the zero percent combustible gas contour is confined to areas located within the property boundaries of the OBSWDC. Two (2) pockets of gas were detected along Winding Road adjoining this section of the OBSWDC site; one (1) pocket of gas was detected on the western side of the NCFTC. Again, these results are due to the successful operation of the Phase 1 gas control system, which continues to protect the NCFTC facilities from the lateral migration of LFG and the Phase 2 System, which has prevented LFG radial migration along Winding Road.

- The final area, where combustible gas was detected, was on the southwestern portion of the OBSWDC site. This area was located just north of the Town's site offices. LKB's analysis of the data was similar to the analysis of the 2008 indicating that the detections within the southern area of former Phase 2 pit area are attributed to the shallow soil most recently placed there, not to the landfill which is separated from the fill area by the storm water retention area in the Phase 2 pit. The area where gas was detected is contained onsite since readings on the west side of the perimeter road all show zero combustible gas. Small pockets of gas were also located onsite, just north and east of the onsite leachate retention lagoon; just east of the pond along the western face of the landfill and one stray pocket near the Senior Citizens Housing Complex.

- The Zero Gas Migration Limitation Survey indicates that LFG generated by the landfill is currently being contained by the landfill gas control system, with the only exceptions being the onsite areas mentioned above.

- All other sampling locations monitored in the 2009 annual site survey continue to show that the zero percent combustible gas migration limit remained stable and within the OBSWDC property boundaries. This includes the areas east of Winding Road; the Nassau County Campground; the Senior Citizen Housing; Briden Construction; the NCFTC; and other adjoining areas.

Finally, the surveys of the perimeter gas monitoring wells and the various onsite structures indicated no combustible gas was present in any of the wells or inside any of the structures.

4.2 Monitoring Program Conclusions

In conclusion, the 2008 and 2009 monitoring programs at the OBSWDC support efforts previously completed by the Town and H&S indicating the containment of LFG by the Town's LFG control systems which is maintaining the zero percent gas concentration contour within the OBSWDC boundary.

5.0 RECOMMENDATIONS

5.1 General

The programs discussed in this report represent a continuation of programs developed in previous reports, specifically the Comprehensive Land Use and Operations Plan (LKB, 1979), the 1986 Annual Report Summarizing the Status of Landfill Gas Monitoring Programs and the Establishment of the Zero Percent Gas Migration Limitation at the Old Bethpage Landfill (LKB, 1987), and are an integral part of the Final Consent Decree and the regulations currently governing the operation of the OBSWDC. As part of the Consent Decree, the Town is obligated, under Appendix AI.(H), to demonstrate compliance with the requirements of 6 NYCRR Part 360, and maintain a zero methane gas limitation at the landfill boundary. The Town is to conduct the monitoring program described in the LKB 1986 Annual Report, "to be amended as necessary." (LKB, 1987)

The OBSWDC landfill gas monitoring program has been modified over the years to accommodate both regulatory and permit requirements as well as changing site conditions. Based on the findings contained in this report, the diminishing levels of landfill gas being generated and the modifications to site operational permits since the initial program design was undertaken, the following amendments to the various surveys will be implemented to update, coordinate and streamline data collection and reporting. These modifications have been reviewed by the Town and its engineering consultants who jointly submit that the modifications meet the current regulatory obligations for the site and will not compromise or diminish the intent or protections afforded by the Consent Decree. In addition to regulatory compliance, these programs provide the Town with essential LFG data and should be continued as amended through 2010.

5.2 Amended Monitoring Program

As the landfill at the OBSWDC continues to age it will produce less and less LFG. Production rate decreases have been confirmed by several findings including: the shutdown of the ET facility in 2003; the decrease in high quality (high percent methane) gas mined from the landfill; the reductions in combustible gas concentrations in perimeter collection system wells; and the decrease in areas where LFG is migrating beyond the footprint of the landfill.

These changes suggest that several of the various programs that the Town has been pursuing for over 25 years should be modified or curtailed to account for current and future conditions while continuing to meet the current site regulatory, permit and Consent Decree requirements. The table provided in

Appendix A lists the various monitoring programs and surveys as amended for 2010. The elements of the amended monitoring program are as follows:

1. OBSWDC Perimeter Gas Monitoring Well Survey. These combustible gas surveys will be performed at the available OBSWDC perimeter gas monitoring wells identified on Figures 2.1 and 2.2 and will occur during the quarterly ambient air, soil gas and pressure testing performed by RTP.

2. Building Structure Survey. A combustible gas survey will be conducted at the following on-site structures listed below: scale house, guard house, RAP building, Town offices, leachate treatment building., transfer station, maintenance garage, the recycling area buildings and the blower station for the TO. This monitoring will be performed quarterly during the quarterly ambient air tests, soil gas and pressure testing performed by RTP and the Annual Zero Gas Migration Limitation Survey.

3. Supplemental Gas Monitoring. Supplemental Gas Monitoring Surveys will be performed when necessary to assist the Town and their consultants with evaluating specific subsurface combustible gas pockets or in areas that would appear from time to time, prior to and as the landfill perimeter collection system was being installed. Since the completion of the perimeter collection system, the areas of positive combustible gas readings have been reduced to limited locations on the OBSWDC. As shown in the 2008 Zero Gas Migration Limitation Survey, there were eight (8) individual well points where combustible gas was detected. The maximum level detected was 63% of the lower explosive limit (LEL). In all of these cases, the peak concentration recorded decreased to a less than 1% combustible gas level within a few seconds of the initial detection of the gas. This suggests that the readings are, at best, associated with very small isolated pockets of gas. The highest of these eight (8) readings was near well PW2 in the southeastern corner of the landfill near Winding Road. This area has perched water and the sampling point was in a low–lying, damp storm drainage area at the base of the landfill. During the 2009 Zero Gas Migration Limitation Survey, similar results were observed.

   The other area of positive onsite combustible gas readings in both the 2008 and 2009 Surveys was in a clean fill area, just west of the landfill and adjoining retention basin. This area did show fairly high combustible levels that were sustained during the sample collection. Since the values did peak near the center of the points sampled, this may suggest a localized source in the area that is independent and not part of the landfill. This area should be thoroughly examined during the next 2010 Annual Zero Gas Migration sampling effort. Based on its location and that

surrounding readings are below 1% combustible gas and on LKB's review of the data, no additional actions were proposed. Town operational personnel onsite have been alerted to the presence of combustible gas in this area. It has been recommended that subsurface gas monitoring be performed prior to activities requiring excavation in this area. Supplemental gas monitoring should continue to be performed to track the gas trends, when warranted.

4. Ambient VOC Air Sampling, Subsurface VOC Gas Sampling and Soil Gas Pressure Readings. These surveys, as listed in Table 2.1, will be performed concurrently and their data are all included in quarterly reports and summarized in an annual report.

5. Thermal Oxidizer Emissions Sampling for VOCs. This sampling will be reinitialized within 180 days of the TO coming back online. If in the future gas concentrations diminish to a point where the TO cannot operate effectively, the Town should research other means of disposing of the landfill gases being generated.

6. Thermal Oxidizer Monthly Temperature Reporting. Monthly temperature reporting for the TO will be reinitialized as soon as the unit is back online.

7. Zero Gas Migration Limitation Survey. The annual monitoring of the zero gas migration limit will continue. The primary focus of this effort should be along the edge of the landfill liner to assure subsurface gas migration is contained within the limits of the landfill boundary. This will assure, along with the quarterly monitoring survey, onsite and offsite structures are not being impacted by landfill generated combustible gas. This annual survey should be extended to cover areas between onsite and offsite structures and the landfill, including the buildings identified in the Building Structure Survey (No. 2 above) such as: the guardhouse, scale house, RAP building. recycling buildings, Town offices and maintenance building, site transfer building and the blower station. The annual survey of the border of the Nassau County Campground should be performed as part of this survey.

5.3 Gas Extraction System Condensate Discharge

The Town has been permitted by the Nassau County Department of Public Works to discharge condensate from the gas extraction system into the Nassau County sewer system. This connection discharges condensate from the Phase 1 and 2 Gas Control Systems and some carryover of condensate mist from the Phase 3 Gas Control System through a bed of lime chips prior to discharge. Most condensate generated by the Phase 3 and 4 Gas Control System are discharged by gravity to leachate

collection well 'A' and ultimately pumped to and treated at the Town's leachate treatment plant prior to discharge to the Nassau County sewer system. No modifications to the condensate management program are recommended by LKB (LKB, 2010).

5.4 Inspection and Maintenance of Existing Extraction Wells

LKB has recommended that the Town periodically inspect all the existing extraction wells of the Town's Gas Control System for the presence of siltation and/or blockage. Siltation of the extraction wells, or the presence of biological growth, could lead to a loss of control efficiency around each well by blinding the well screens thereby allowing the possible offsite migration of landfill gases, as noted in this report (in the vicinity of Briden Construction). If siltation of the wells or biological growth is observed, the Town will take all necessary steps (air/water scouring) to remediate and restore wells to their original operating conditions. The Town has previously cleaned the LFG wells along the NCFTC/OBSWDC property line and also cleaned the wells along the Phase 3 and 4 gas extraction systems. When future well inspections indicate that cleaning the gas extraction wells is recommended, LKB will provide the Town with the appropriate protocols similar to those utilized by Town personnel in the past (i.e., water scouring, etc.) to complete the work.

REFERENCES

LKB, 1980. Preliminary Engineering Design Report: Phase 1 Gas Control and Recovery Program.
Lockwood, Kessler & Bartlett, Inc., One Aerial Way, Syosset, New York, June, 1980.
Submitted to: Town of Oyster Bay, Syosset, New York.

LKB, 1985. 1984 Annual Report Summarizing the Status of the Landfill Gas Monitoring Programs and the Establishment of the Zero Percent Gas Migration Limitation at the Old Bethpage Landfill.
Lockwood, Kessler & Bartlett, Inc., One Aerial Way, Syosset, New York, April 1985.
Submitted to: Town of Oyster Bay, Syosset, New York.

LKB, 1987. 1986 Annual Report Summarizing the Status of Landfill Gas Monitoring Programs and the Establishment of the Zero Percent Gas Migration Limitation at the Old Bethpage Landfill.
Lockwood, Kessler & Bartlett, Inc., One Aerial Way, Syosset, New York, April 1987.
Submitted to: Town of Oyster Bay, Syosset, New York.

H&S, 2007. 2007 Annual Report, Summarizing the Results of Landfill Gas Monitoring Programs at the Old Bethpage Solid Waste Disposal Complex and Adjacent Areas.
Hazen and Sawyer, P.C., 498 Seventh Avenue, New York, New York, December 2007.

LKB, 2009 Communications with LKB Staff.

RTP, 2009 Communications with LKB Staff, September 2009.

RTP, 2009a Communications with LKB Staff, December 2009.

LKB, 2010 Communications with LKB Staff.

APPENDIX A
RECOMMENDED MONITORING SCHEDULE FOR 2010

APPENDIX A

AMENDED MONITORING ACTIVITY SCHEDULE FOR 2010

Survey No.	Survey Description	Frequency of Monitoring	Monitoring Performed By
1.	OBSWDC Perimeter Gas Monitoring Well Survey	Quarterly	RTP
2.	Building Structure Survey	Quarterly	RTP
3.	Supplemental Gas Monitoring Program	As Necessary	TOB
4.	Ambient VOC Air Sampling, Subsurface VOC Gas Sampling, Soil Gas Pressure Readings	Quarterly	RTP
5.	Thermal Oxidizer Emissions Sampling for VOCs	Annually	RTP
6.	Thermal Oxidizer Temperature Reporting	Monthly	TOB
7.	Zero Gas Migration Limitation Survey	Annually	RTP

APPENDIX B

1. ZERO GAS MIGRATION LIMITATION SURVEY DATA

2. LOCAL METEOROLOGICAL DATA DURING SURVEYS

TABLE 3.1

2008 ZERO GAS MIGRATION LIMITATION SURVEY DATA

AUGUST 2009

Date	Time	Sample ID	% LEL	X	Y
8/25/2009	3:14 PM	1	0	1137446	216513
8/25/2009	3:16 PM	2	0	1137465	216459
8/25/2009	3:17 PM	3	0	1137462	216408
8/25/2009	3:20 PM	4	0	1137461	216357
8/25/2009	3:21 PM	5	0	1137463	216301
8/25/2009	3:22 PM	6	0	1137475	216267
8/25/2009	3:24 PM	7	0	1137499	216228
8/25/2009	3:26 PM	8	0	1137520	216186
8/25/2009	3:28 PM	9	0	1137553	216143
8/25/2009	3:31 PM	10	0	1137579	216106
8/25/2009	3:33 PM	11	0	1137611	216094
8/25/2009	3:35 PM	12	0	1137649	216089
8/25/2009	3:45 PM	13	0	1137415	216550
8/25/2009	3:47 PM	14	0	1137411	216603
8/25/2009	3:48 PM	15	0	1137358	216617
8/25/2009	3:49 PM	16	0	1137330	216629
8/25/2009	3:53 PM	17	0	1137262	216714
8/25/2009	3:54 PM	18	0	1137239	216753
8/25/2009	3:56 PM	19	0	1137214	216800
8/25/2009	3:59 PM	20	0	1137151	216811
8/25/2009	4:00 PM	21	0	1137142	216871
8/25/2009	4:02 PM	22	0	1137141	216922
8/25/2009	4:03 PM	23	0	1137134	216987
8/25/2009	4:04 PM	24	0	1137098	216957
8/25/2009	4:06 PM	25	0	1137068	216907
8/25/2009	4:07 PM	26	0	1137044	216858
8/25/2009	4:08 PM	27	0	1137014	216810
8/25/2009	4:09 PM	28	0	1136991	216762
8/25/2009	4:11 PM	29	0	1136973	216713
8/25/2009	4:13 PM	30	0	1136918	216646
8/26/2009	8:31 AM	31	0	1137938	216080
8/26/2009	8:33 AM	32	0	1137942	216135
8/26/2009	8:35 AM	33	0	1137933	216204
8/26/2009	8:37 AM	34	0	1137818	216088
8/26/2009	8:38 AM	35	0	1137761	216104
8/26/2009	8:40 AM	36	0	1137720	216136
8/26/2009	8:45 AM	37	0	1137602	216176
8/26/2009	8:50 AM	38	0	1137913	216046
8/26/2009	8:51 AM	39	0	1137908	215981
8/26/2009	8:53 AM	40	0	1137913	215928
8/26/2009	8:54 AM	41	4	1137918	215872
8/26/2009	8:57 AM	42	0	1137937	215872
8/26/2009	8:58 AM	43	0	1137924	215822
8/26/2009	9:00 AM	44	0	1137925	215777
8/26/2009	9:07 AM	45	0	1137923	215725
8/26/2009	9:09 AM	46	0	1137927	215675
8/26/2009	9:13 AM	47	0	1137931	215619
8/26/2009	9:14 AM	48	0	1137933	215567
8/26/2009	9:16 AM	49	0	1137933	215518
8/26/2009	9:23 AM	50	0	1137936	215471
8/26/2009	9:26 AM	51	0	1137940	215421
8/26/2009	9:27 AM	52	0	1137947	215365
8/26/2009	9:29 AM	53	0	1137954	215316
8/26/2009	9:31 AM	54	0	1137965	215261
8/26/2009	9:33 AM	55	0	1137974	215210
8/26/2009	9:34 AM	56	0	1137982	215159
8/26/2009	9:35 AM	57	0	1137993	215110
8/26/2009	9:39 AM	58	0	1138000	215057
8/26/2009	9:41 AM	59	0	1138008	215009
8/26/2009	9:42 AM	60	0	1138011	214958
8/26/2009	9:43 AM	61	0	1138006	214908
8/26/2009	9:47 AM	62	0	1137992	214853
8/26/2009	9:48 AM	63	0	1137980	214804
8/26/2009	9:49 AM	64	0	1137963	214755
8/26/2009	9:51 AM	65	0	1137944	214709
8/26/2009	9:52 AM	66	0	1137923	214663

Table 3.1 Con't.

Date	Time	Sample ID	% LEL	X	Y
8/26/2009	9:55 AM	67	0	1137897	214615
8/26/2009	9:57 AM	68	0	1137879	214567
8/26/2009	10:46 AM	69	0	1137949	214728
8/26/2009	10:47 AM	70	0	1137928	214683
8/26/2009	10:49 AM	71	0	1137907	214636
8/26/2009	10:51 AM	72	0	1137890	214590
8/26/2009	10:53 AM	73	0	1137864	214541
8/26/2009	10:54 AM	74	0	1137841	214496
8/26/2009	10:55 AM	75	0	1137819	214453
8/26/2009	10:57 AM	76	0	1137779	214419
8/26/2009	10:58 AM	77	63	1137734	214414
8/26/2009	11:05 AM	78	2	1137697	214376
8/26/2009	11:06 AM	79	0	1137694	214362
8/26/2009	11:07 AM	80	0	1137647	214378
8/26/2009	11:08 AM	81	0	1137598	214391
8/26/2009	11:17 AM	82	0	1137652	214444
8/26/2009	11:18 AM	83	0	1137607	214459
8/26/2009	11:19 AM	84	0	1137564	214442
8/26/2009	11:21 AM	85	0	1137515	214456
8/26/2009	11:22 AM	86	0	1137463	214473
8/26/2009	11:39 AM	87	0	1137416	214486
8/26/2009	11:40 AM	88	0	1137366	214501
8/26/2009	11:41 AM	89	0	1137319	214513
8/26/2009	11:42 AM	90	0	1137272	214527
8/26/2009	11:43 AM	91	0	1137218	214538
8/26/2009	11:45 AM	92	0	1137169	214548
8/26/2009	11:47 AM	93	0	1137130	214551
8/26/2009	11:48 AM	94	0	1137156	214516
8/26/2009	11:49 AM	95	0	1137192	214508
8/26/2009	11:50 AM	96	0	1137246	214486
8/26/2009	11:51 AM	97	0	1137293	214476
8/26/2009	11:52 AM	98	0	1137337	214466
8/26/2009	11:53 AM	99	0	1137385	214453
8/26/2009	12:00 PM	100	0	1137130	214497
8/26/2009	12:01 PM	101	0	1137113	214445
8/26/2009	12:03 PM	102	0	1137094	214400
8/26/2009	12:04 PM	103	0	1137081	214350
8/26/2009	12:05 PM	104	0	1137065	214303
8/26/2009	12:06 PM	105	0	1137050	214255
8/26/2009	12:07 PM	106	0	1137033	214206
8/26/2009	12:08 PM	107	0	1137009	214135
8/26/2009	12:09 PM	108	0	1137005	214108
8/26/2009	12:12 PM	109	0	1136940	214101

Date	Time	Sample ID	% LEL	X	Y
8/26/2009	12:13 PM	110	0	1136896	214076
8/26/2009	12:17 PM	111	0	1136783	214009
8/26/2009	12:18 PM	112	0	1136743	214007
8/26/2009	12:19 PM	113	0	1136692	214019
8/26/2009	12:21 PM	114	0	1136616	214062
8/26/2009	12:22 PM	115	0	1136582	214093
8/26/2009	12:23 PM	116	0	1136541	214127
8/26/2009	12:24 PM	117	0	1136506	214158
8/26/2009	12:25 PM	118	0	1136483	214200
8/26/2009	1:26 PM	119	0	1136371	215275
8/26/2009	1:28 PM	120	0	1136370	215216
8/26/2009	1:29 PM	121	0	1136358	215166
8/26/2009	1:30 PM	122	0	1136360	215123
8/26/2009	1:31 PM	123	0	1136358	215071
8/26/2009	1:32 PM	124	0	1136357	215025
8/26/2009	1:34 PM	125	0	1136347	214978
8/26/2009	1:35 PM	126	0	1136341	214930
8/26/2009	1:36 PM	127	0	1136339	214880
8/26/2009	1:37 PM	128	0	1136331	214835
8/26/2009	1:38 PM	129	0	1136327	214791
8/26/2009	1:39 PM	130	0	1136331	214744
8/26/2009	1:40 PM	131	0	1136336	214698
8/26/2009	1:42 PM	132	0	1136341	214652
8/26/2009	1:43 PM	133	0	1136343	214605
8/26/2009	1:44 PM	134	0	1136347	214558
8/26/2009	1:45 PM	135	0	1136345	214511
8/26/2009	1:46 PM	136	0	1136316	214473
8/26/2009	1:48 PM	137	0	1136329	214407
8/26/2009	1:49 PM	138	0	1136372	214382
8/26/2009	1:50 PM	139	1	1136417	214369
8/26/2009	1:59 PM	140	0	1136405	214380
8/26/2009	2:00 PM	141	0	1136444	214338
8/26/2009	2:02 PM	142	0	1136469	214287
8/26/2009	2:03 PM	143	0	1136473	214249
8/26/2009	2:08 PM	144	0	1136216	214526
8/26/2009	2:09 PM	145	6	1136169	214546
8/26/2009	2:10 PM	146	15	1136143	214535
8/26/2009	2:11 PM	147	100	1136109	214539
8/26/2009	2:15 PM	148	0	1136089	214350
8/26/2009	2:18 PM	149	0	1136157	214376
8/26/2009	2:19 PM	150	0	1136254	214381
8/26/2009	2:21 PM	151	53	1136061	214528
8/26/2009	2:23 PM	152	6	1135999	214532

Table 3.1 Con't.

Date	Time	Sample ID	% LEL	X	Y
8/26/2009	2:24 PM	153	0	1135938	214519
8/26/2009	2:25 PM	154	0	1135920	214568
8/26/2009	2:26 PM	155	0	1135900	214606
8/26/2009	2:27 PM	156	0	1135872	214653
8/26/2009	2:28 PM	157	0	1135855	214691
8/26/2009	2:29 PM	158	0	1135833	214733
8/26/2009	2:30 PM	159	0	1135812	214781
8/26/2009	2:31 PM	160	0	1135796	214827
8/26/2009	2:32 PM	161	0	1135782	214873
8/26/2009	2:33 PM	162	0	1135775	214920
8/26/2009	2:34 PM	163	0	1135773	214968
8/26/2009	2:35 PM	164	0	1135785	215017
8/26/2009	2:36 PM	165	0	1135800	215065
8/26/2009	2:37 PM	166	0	1135818	215117
8/26/2009	2:38 PM	167	0	1135833	215159
8/27/2009	11:22 AM	168	0	1136035	214366
8/27/2009	11:23 AM	169	0	1135972	214368
8/27/2009	11:24 AM	170	0	1135970	214418
8/27/2009	11:25 AM	171	0	1135956	214468
8/27/2009	11:27 AM	172	0	1135971	214321
8/27/2009	11:29 AM	173	0	1135967	214267
8/27/2009	11:30 AM	174	0	1135968	214221
8/27/2009	11:31 AM	175	0	1136021	214177
8/27/2009	11:51 AM	176	0	1135852	215210
8/27/2009	11:52 AM	177	0	1135878	215250
8/27/2009	11:54 AM	178	0	1135911	215295
8/27/2009	11:55 AM	179	0	1135940	215327
8/27/2009	11:56 AM	180	0	1136018	215326
8/27/2009	11:58 AM	181	0	1136070	215356
8/27/2009	12:02 PM	182	0	1136120	215402
8/27/2009	12:04 PM	183	0	1136180	215422
8/27/2009	12:05 PM	184	0	1136229	215456
8/27/2009	12:07 PM	185	4	1136298	215464
8/27/2009	12:08 PM	186	0	1136308	215491
8/27/2009	12:14 PM	187	0	1136357	215510
8/27/2009	12:15 PM	188	0	1136371	215451
8/27/2009	12:17 PM	189	2	1136363	215389
8/27/2009	12:19 PM	190	8	1136391	215521
8/27/2009	12:24 PM	191	0	1136365	215582
8/27/2009	12:26 PM	192	0	1136407	215635
8/27/2009	12:27 PM	193	0	1136460	215628
8/27/2009	12:28 PM	194	0	1136510	215625
8/27/2009	12:29 PM	195	0	1136487	215677

Date	Time	Sample ID	% LEL	X	Y
8/27/2009	12:31 PM	196	0	1136499	215731
8/27/2009	12:32 PM	197	0	1136550	215625
8/27/2009	12:33 PM	198	0	1136597	215634
8/27/2009	12:34 PM	199	0	1136639	215649
8/27/2009	12:35 PM	200	0	1136677	215685
8/27/2009	12:39 PM	201	0	1136690	215737
8/27/2009	12:41 PM	202	0	1136705	215786
8/27/2009	12:42 PM	203	0	1136716	215835
8/27/2009	12:44 PM	204	0	1136729	215893
8/27/2009	12:46 PM	205	0	1136740	215954
8/27/2009	12:47 PM	206	0	1136808	215977
8/27/2009	12:48 PM	207	0	1136816	216030
8/27/2009	12:49 PM	208	5	1136828	216083
8/27/2009	12:50 PM	209	0	1136788	216087
8/27/2009	12:51 PM	210	0	1136795	216139
8/27/2009	12:52 PM	211	0	1136800	216188
8/27/2009	12:53 PM	212	0	1136805	216245
8/27/2009	12:54 PM	213	0	1136810	216294
8/27/2009	12:55 PM	214	0	1136813	216344
8/27/2009	12:55 PM	215	0	1136822	216399
8/27/2009	12:57 PM	216	0	1136827	216446
8/27/2009	12:58 PM	217	0	1136835	216500
8/27/2009	12:59 PM	218	0	1136844	216548
8/27/2009	1:00 PM	219	0	1136862	216606
8/27/2009	1:48 PM	220	0	1136746	216762
8/27/2009	1:50 PM	221	0	1136734	216720
8/27/2009	1:52 PM	222	0	1136722	216671
8/27/2009	1:53 PM	223	0	1136708	216627
8/27/2009	1:54 PM	224	0	1136695	216575
8/27/2009	1:55 PM	225	0	1136680	216524
8/27/2009	1:55 PM	226	0	1136664	216475
8/27/2009	1:57 PM	227	0	1136642	216411
8/27/2009	2:01 PM	228	0	1136636	216374
8/27/2009	2:02 PM	229	0	1136622	216323
8/27/2009	2:03 PM	230	0	1136607	216278
8/27/2009	2:04 PM	231	0	1136598	216228
8/27/2009	2:05 PM	232	0	1136581	216177
8/27/2009	2:06 PM	233	0	1136572	216131
8/27/2009	2:07 PM	234	0	1136557	216082
8/27/2009	2:08 PM	235	0	1136543	216037
8/27/2009	2:09 PM	236	0	1136532	215990
8/27/2009	2:11 PM	237	0	1136517	215935
8/27/2009	2:12 PM	238	0	1136542	215870

Table 3.1 Con't.

Date	Time	Sample ID	% LEL	X	Y
8/27/2009	2:13 PM	239	0	1136528	215825
8/27/2009	2:25 PM	240	0	1136365	216002
8/27/2009	2:25 PM	241	0	1136312	216029
8/27/2009	2:26 PM	242	0	1136268	216054
8/27/2009	2:27 PM	243	0	1136224	216077
8/27/2009	2:28 PM	244	0	1136181	216047
8/27/2009	2:28 PM	245	0	1136159	216001
8/27/2009	2:29 PM	246	0	1136109	215973
8/27/2009	2:30 PM	247	0	1136060	215952
8/27/2009	2:31 PM	248	0	1136005	215943
8/27/2009	2:32 PM	249	0	1135959	215899
8/27/2009	2:33 PM	250	0	1135915	215867
8/27/2009	2:34 PM	251	0	1135875	215834
8/27/2009	2:35 PM	252	0	1135836	215802
8/27/2009	2:36 PM	253	0	1135800	215764
8/27/2009	2:37 PM	254	0	1135751	215743
8/27/2009	2:43 PM	255	0	1135707	215702
8/27/2009	2:45 PM	256	0	1135673	215663

Date	Time	Sample ID	% LEL	X	Y
8/27/2009	2:52 PM	257	0	1135687	215607
8/27/2009	2:53 PM	258	0	1135714	215569
8/27/2009	2:55 PM	259	0	1135757	215517
8/27/2009	2:56 PM	260	0	1135786	215487
8/27/2009	2:57 PM	261	0	1135831	215445
8/27/2009	3:01 PM	262	0	1135863	215421
8/27/2009	3:02 PM	263	0	1135896	215386
8/27/2009	3:03 PM	264	0	1135922	215337
8/27/2009	3:03 PM	265	0	1135875	215320
8/27/2009	3:16 PM	266	0	1135858	215286
8/27/2009	3:17 PM	267	0	1135812	215275
8/27/2009	3:18 PM	268	0	1135764	215263
8/27/2009	3:19 PM	269	0	1135714	215248
8/27/2009	3:20 PM	270	0	1135666	215236
8/27/2009	3:21 PM	271	0	1135608	215219
8/27/2009	3:22 PM	272	0	1135563	215203
8/27/2009	3:23 PM	273	0	1135516	215173

Notes: Time is local Daylight Savings Time

XY Coordinates in NY State Plane Long Island (Feet) NAD83

%LEL = percent of methane lower explosive limit.

TABLE 3.2
2009 ZERO GAS MIGRATION LIMITATION SURVEY DATA
NOVEMBER 2009

Date	Time	Sample ID	% LEL	X	Y
11/17/2009	09:06 AM	1	0	1137462	216529
11/17/2009	09:07 AM	2	0	1137418	216555
11/17/2009	09:09 AM	3	0	1137368	216586
11/17/2009	09:10 AM	4	0	1137323	216608
11/17/2009	09:11 AM	5	2	1137274	216637
11/17/2009	09:13 AM	6	0	1137279	216647
11/17/2009	09:14 AM	7	0	1137220	216661
11/17/2009	09:15 AM	8	0	1137166	216686
11/17/2009	09:17 AM	9	0	1137122	216704
11/17/2009	09:18 AM	10	0	1137079	216732
11/17/2009	09:19 AM	11	0	1137030	216753
11/17/2009	09:20 AM	12	0	1136987	216781
11/17/2009	09:22 AM	13	0	1136962	216728
11/17/2009	09:25 AM	14	0	1136885	216657
11/17/2009	09:26 AM	15	0	1136865	216610
11/17/2009	09:27 AM	16	0	1136851	216559
11/17/2009	09:28 AM	17	0	1136840	216511
11/17/2009	09:29 AM	18	0	1136830	216458
11/17/2009	09:30 AM	19	0	1136826	216406
11/17/2009	09:31 AM	20	0	1136819	216355
11/17/2009	09:31 AM	21	0	1136815	216306
11/17/2009	09:32 AM	22	0	1136809	216256
11/17/2009	09:33 AM	23	0	1136804	216205
11/17/2009	09:36 AM	24	0	1136798	216152
11/17/2009	09:37 AM	25	0	1136792	216099
11/17/2009	09:42 AM	26	0	1136788	216053
11/17/2009	09:43 AM	27	0	1136782	216004
11/17/2009	09:56 AM	28	0	1136767	215952
11/17/2009	09:57 AM	29	0	1136757	215904
11/17/2009	09:58 AM	30	0	1136748	215859
11/17/2009	09:59 AM	31	0	1136735	215805
11/17/2009	10:00 AM	32	0	1136719	215759
11/17/2009	10:02 AM	33	0	1136700	215715
11/17/2009	10:02 AM	34	0	1136676	215669
11/17/2009	10:03 AM	35	0	1136637	215643
11/17/2009	10:04 AM	36	18	1136590	215622
11/17/2009	10:07 AM	37	0	1136590	215640
11/17/2009	10:08 AM	38	0	1136602	215585
11/17/2009	10:09 AM	39	2	1136547	215616
11/17/2009	10:11 AM	40	0	1136545	215629
11/17/2009	10:12 AM	41	7	1136500	215609
11/17/2009	10:14 AM	42	16	1136496	215622
11/17/2009	10:15 AM	43	0	1136486	215632
11/17/2009	10:16 AM	44	19	1136450	215590
11/17/2009	10:28 AM	45	2	1136440	215600
11/17/2009	10:29 AM	46	2	1136430	215639
11/17/2009	10:30 AM	47	0	1136427	215662
11/17/2009	10:32 AM	48	0	1136376	215601
11/17/2009	10:34 AM	49	0	1136309	215558
11/17/2009	10:36 AM	50	0	1136250	215533
11/17/2009	10:38 AM	51	0	1136207	215510
11/17/2009	10:40 AM	52	0	1136162	215405
11/17/2009	10:49 AM	53	0	1136142	215348
11/17/2009	10:55 AM	54	0	1136362	215415
11/17/2009	10:58 AM	55	0	1136332	215483
11/17/2009	11:00 AM	56	0	1136369	215464
11/17/2009	11:01 AM	57	0	1136365	215359
11/17/2009	01:35 PM	58	0	1136357	215309
11/17/2009	01:36 PM	59	6	1136358	215258
11/17/2009	01:38 PM	60	0	1136342	215257
11/17/2009	01:38 PM	61	0	1136357	215199
11/17/2009	01:39 PM	62	0	1136354	215150
11/17/2009	01:40 PM	63	0	1136353	215097
11/17/2009	01:41 PM	64	0	1136354	215048
11/17/2009	01:42 PM	65	0	1136353	215001
11/17/2009	01:43 PM	66	0	1136352	214951
11/17/2009	01:45 PM	67	0	1136351	214900
11/17/2009	01:46 PM	68	0	1136353	214848
11/17/2009	01:47 PM	69	4	1136351	214797
11/17/2009	01:48 PM	70	0	1136338	214799
11/17/2009	01:49 PM	71	6	1136356	214750
11/17/2009	01:50 PM	72	3	1136343	214749
11/17/2009	01:51 PM	73	2	1136331	214749
11/17/2009	01:53 PM	74	3	1136315	214745
11/17/2009	01:53 PM	75	3	1136301	214744
11/17/2009	01:54 PM	76	0	1136282	214741
11/17/2009	01:55 PM	77	1	1136362	214703
11/17/2009	01:56 PM	78	3	1136347	214695
11/17/2009	01:57 PM	79	2	1136330	214699
11/17/2009	02:00 PM	80	3	1136316	214689
11/17/2009	02:01 PM	81	0	1136298	214688
11/17/2009	02:02 PM	82	0	1136300	214644
11/17/2009	02:03 PM	83	0	1136315	214593
11/17/2009	02:05 PM	84	0	1136319	214550
11/17/2009	02:06 PM	85	0	1136290	214508
11/17/2009	02:08 PM	86	0	1136271	214476
11/17/2009	02:09 PM	87	2	1136320	214419
11/17/2009	02:10 PM	88	0	1136295	214399
11/17/2009	02:11 PM	89	0	1136348	214378
11/17/2009	02:13 PM	90	0	1136399	214372

Table 3.2 Con’t.

Date	Time	Sample ID	% LEL	X	Y
11/17/2009	02:16 PM	91	0	1136435	214347
11/17/2009	02:16 PM	92	0	1136459	214305
11/17/2009	02:18 PM	93	0	1136478	214262
11/17/2009	02:19 PM	94	2	1136491	214215
11/17/2009	02:20 PM	95	0	1136466	214214
11/17/2009	02:21 PM	96	0	1136499	214167
11/17/2009	02:22 PM	97	0	1136532	214138
11/17/2009	02:23 PM	98	0	1136566	214109
11/17/2009	02:24 PM	99	0	1136601	214079
11/17/2009	02:26 PM	100	0	1136649	214069
11/17/2009	02:26 PM	101	0	1136679	214034
11/17/2009	02:28 PM	102	0	1136722	214015
11/17/2009	02:56 PM	103	0	1136780	214010
11/17/2009	02:57 PM	104	0	1136819	214019
11/17/2009	02:58 PM	105	0	1136857	214039
11/17/2009	02:59 PM	106	0	1136895	214071
11/17/2009	03:00 PM	107	0	1136934	214096
11/17/2009	03:01 PM	108	0	1136995	214109
11/17/2009	03:02 PM	109	0	1137009	214145
11/17/2009	03:03 PM	110	0	1137037	214188
11/17/2009	03:04 PM	111	0	1137047	214236
11/17/2009	03:05 PM	112	0	1137059	214281
11/17/2009	03:07 PM	113	0	1137071	214326
11/17/2009	03:08 PM	114	7	1137084	214375
11/17/2009	03:09 PM	115	0	1137093	214368
11/17/2009	03:10 PM	116	0	1137100	214416
11/17/2009	03:11 PM	117	0	1137115	214459
11/17/2009	03:12 PM	118	0	1137131	214507
11/17/2009	03:20 PM	119	0	1137181	214512
11/17/2009	03:23 PM	120	0	1137224	214497
11/17/2009	03:24 PM	121	0	1137262	214486
11/17/2009	03:25 PM	122	0	1137306	214474
11/17/2009	03:26 PM	123	0	1137352	214460
11/17/2009	03:27 PM	124	0	1137391	214447
11/17/2009	03:29 PM	125	0	1137432	214440
11/17/2009	03:30 PM	126	0	1137484	214426
11/17/2009	03:31 PM	127	0	1137529	214413
11/17/2009	03:32 PM	128	0	1137574	214397
11/17/2009	03:33 PM	129	0	1137612	214413
11/17/2009	03:35 PM	130	0	1137659	214399
11/17/2009	03:37 PM	131	0	1137716	214392
11/17/2009	03:38 PM	132	0	1137767	214419
11/17/2009	03:39 PM	133	0	1137812	214441
11/17/2009	03:40 PM	134	0	1137838	214481
11/17/2009	03:41 PM	135	0	1137860	214523
11/17/2009	03:42 PM	136	0	1137883	214569
11/17/2009	03:43 PM	137	0	1137900	214613
11/17/2009	03:44 PM	138	0	1137920	214654
11/17/2009	03:46 PM	139	0	1137939	214698
11/18/2009	08:31 AM	140	0	1137493	216493
11/18/2009	08:31 AM	141	0	1137482	216446
11/18/2009	08:32 AM	142	0	1137480	216394
11/18/2009	08:33 AM	143	0	1137484	216341
11/18/2009	08:34 AM	144	0	1137489	216285
11/18/2009	08:35 AM	145	0	1137510	216230
11/18/2009	08:36 AM	146	0	1137531	216182
11/18/2009	08:37 AM	147	0	1137563	216142
11/18/2009	08:38 AM	148	0	1137604	216107

Date	Time	Sample ID	% LEL	X	Y
11/18/2009	08:39 AM	149	0	1137649	216093
11/18/2009	08:41 AM	150	0	1137697	216087
11/18/2009	08:42 AM	151	0	1137738	216085
11/18/2009	08:43 AM	152	0	1137786	216082
11/18/2009	08:44 AM	153	0	1137827	216072
11/18/2009	08:46 AM	154	0	1137881	216069
11/18/2009	08:47 AM	155	0	1137921	216106
11/18/2009	08:49 AM	156	0	1137913	216045
11/18/2009	08:51 AM	157	0	1137907	215988
11/18/2009	08:52 AM	158	0	1137910	215938
11/18/2009	08:53 AM	159	0	1137914	215886
11/18/2009	08:54 AM	160	0	1137917	215835
11/18/2009	08:55 AM	161	0	1137918	215782
11/18/2009	08:56 AM	162	0	1137920	215731
11/18/2009	08:57 AM	163	0	1137925	215679
11/18/2009	08:59 AM	164	0	1137928	215628
11/18/2009	09:00 AM	165	0	1137929	215577
11/18/2009	09:01 AM	166	0	1137931	215528
11/18/2009	09:02 AM	167	0	1137931	215478
11/18/2009	09:04 AM	168	0	1137935	215429
11/18/2009	09:05 AM	169	0	1137943	215378
11/18/2009	09:08 AM	170	0	1137949	215325
11/18/2009	09:09 AM	171	2	1137958	215277
11/18/2009	09:10 AM	172	0	1137981	215278
11/18/2009	09:11 AM	173	0	1137968	215227
11/18/2009	09:13 AM	174	0	1137977	215175
11/18/2009	09:14 AM	175	0	1137988	215126
11/18/2009	09:15 AM	176	0	1137996	215076
11/18/2009	09:16 AM	177	3	1138003	215027
11/18/2009	09:17 AM	178	0	1138029	215031
11/18/2009	09:19 AM	179	0	1138007	214976
11/18/2009	09:20 AM	180	0	1138004	214923
11/18/2009	09:21 AM	181	0	1137996	214868
11/18/2009	09:23 AM	182	0	1137982	214817
11/18/2009	09:25 AM	183	0	1137961	214757
11/18/2009	10:14 AM	184	0	1136992	214044
11/18/2009	10:15 AM	185	0	1136982	214000
11/18/2009	10:16 AM	186	0	1136962	213954
11/18/2009	10:19 AM	187	0	1136950	213900
11/18/2009	10:20 AM	188	0	1136937	213859
11/18/2009	10:21 AM	189	0	1136905	213815
11/18/2009	10:22 AM	190	0	1136893	213781
11/18/2009	10:25 AM	191	0	1136857	213823
11/18/2009	10:26 AM	192	0	1136806	213835
11/18/2009	10:28 AM	193	0	1136817	213914
11/18/2009	10:33 AM	194	0	1136767	213909
11/18/2009	10:34 AM	195	0	1136720	213921
11/18/2009	10:35 AM	196	0	1136674	213926
11/18/2009	10:36 AM	197	0	1136622	213929
11/18/2009	10:37 AM	198	0	1136568	213918
11/18/2009	10:38 AM	199	0	1136527	213879
11/18/2009	10:41 AM	200	0	1136506	213831
11/18/2009	10:42 AM	201	0	1136484	213785
11/18/2009	10:51 AM	202	0	1136428	213784
11/18/2009	10:53 AM	203	0	1136398	213707
11/18/2009	10:54 AM	204	0	1136317	213739
11/18/2009	10:55 AM	205	0	1136272	213752
11/18/2009	10:56 AM	206	0	1136226	213771

Table 3.2 Con't.

Date	Time	Sample ID	% LEL	X	Y
11/18/2009	10:57 AM	207	0	1136180	213785
11/18/2009	10:59 AM	208	0	1136154	213738
11/18/2009	11:01 AM	209	0	1136122	213712
11/18/2009	11:03 AM	210	0	1136089	213674
11/18/2009	11:04 AM	211	0	1136044	213696
11/18/2009	11:05 AM	212	0	1136012	213726
11/18/2009	11:08 AM	213	0	1135999	213802
11/18/2009	11:09 AM	214	0	1135973	213848
11/18/2009	11:11 AM	215	0	1135943	213897
11/18/2009	11:12 AM	216	0	1135953	213936
11/18/2009	11:13 AM	217	0	1135948	214003
11/18/2009	11:14 AM	218	0	1135945	214050
11/18/2009	11:15 AM	219	0	1135944	214097
11/18/2009	11:16 AM	220	0	1135941	214158
11/18/2009	11:22 AM	221	0	1135960	214242
11/18/2009	11:23 AM	222	0	1135961	214279
11/18/2009	11:25 AM	223	0	1135967	214341
11/18/2009	11:26 AM	224	0	1135975	214375
11/18/2009	11:26 AM	225	0	1135973	214422
11/18/2009	11:27 AM	226	0	1135960	214478
11/18/2009	11:28 AM	227	0	1135943	214523
11/18/2009	11:29 AM	228	0	1135925	214576
11/18/2009	11:30 AM	229	0	1135901	214622
11/18/2009	11:31 AM	230	0	1135872	214672
11/18/2009	11:32 AM	231	0	1135844	214707
11/18/2009	11:33 AM	232	0	1135821	214759
11/18/2009	11:34 AM	233	0	1135804	214804
11/18/2009	11:34 AM	234	0	1135786	214857
11/18/2009	11:36 AM	235	0	1135776	214910
11/18/2009	11:36 AM	236	0	1135775	214966
11/18/2009	11:37 AM	237	0	1135780	215025
11/18/2009	11:38 AM	238	0	1135798	215080
11/18/2009	11:39 AM	239	0	1135816	215121
11/18/2009	11:40 AM	240	0	1135828	215227
11/18/2009	11:41 AM	241	0	1135858	215223
11/18/2009	11:42 AM	242	0	1135883	215266
11/18/2009	11:44 AM	243	0	1135895	215336
11/18/2009	11:52 AM	244	0	1135881	215393
11/18/2009	11:53 AM	245	0	1135847	215431
11/18/2009	11:54 AM	246	0	1135811	215467
11/18/2009	11:55 AM	247	0	1135767	215506
11/18/2009	11:56 AM	248	0	1135729	215547
11/18/2009	11:57 AM	249	2	1135699	215592
11/18/2009	11:58 AM	250	0	1135673	215604
11/18/2009	11:59 AM	251	0	1135669	215649
11/18/2009	12:00 PM	252	0	1135681	215701
11/18/2009	12:01 PM	253	0	1135725	215730
11/18/2009	12:02 PM	254	0	1135767	215766
11/18/2009	12:03 PM	255	0	1135808	215790
11/18/2009	12:04 PM	256	0	1135854	215820
11/18/2009	12:05 PM	257	0	1135895	215854
11/18/2009	12:07 PM	258	0	1135938	215888
11/18/2009	12:08 PM	259	0	1135980	215922
11/18/2009	12:09 PM	260	0	1136026	215946
11/18/2009	12:10 PM	261	0	1136073	215964
11/18/2009	12:10 PM	262	0	1136122	215987
11/18/2009	12:11 PM	263	0	1136158	216010
11/18/2009	12:12 PM	264	0	1136181	216054

Date	Time	Sample ID	% LEL	X	Y
11/18/2009	12:13 PM	265	0	1136221	216082
11/18/2009	12:14 PM	266	0	1136266	216058
11/18/2009	12:14 PM	267	0	1136312	216036
11/18/2009	12:15 PM	268	0	1136358	216012
11/18/2009	12:17 PM	269	0	1136398	215992
11/18/2009	12:18 PM	270	0	1136440	215968
11/18/2009	01:35 PM	271	19	1136200	214552
11/18/2009	01:36 PM	272	0	1136210	214536
11/18/2009	01:37 PM	273	2	1136145	214550
11/18/2009	01:39 PM	274	0	1136060	214508
11/18/2009	01:41 PM	275	15	1136193	214604
11/18/2009	01:42 PM	276	53	1136137	214601
11/18/2009	01:43 PM	277	0	1136080	214604
11/18/2009	01:45 PM	278	9	1136028	214594
11/18/2009	01:45 PM	279	0	1135978	214587
11/18/2009	01:46 PM	280	0	1135931	214681
11/18/2009	01:48 PM	281	100	1135984	214694
11/18/2009	01:53 PM	282	100	1136030	214698
11/18/2009	01:56 PM	283	100	1136093	214708
11/18/2009	02:00 PM	284	100	1136171	214710
11/18/2009	02:01 PM	285	100	1136153	214802
11/18/2009	02:05 PM	286	100	1136055	214799
11/18/2009	02:08 PM	287	100	1135956	214793
11/18/2009	02:10 PM	288	25	1135881	214779
11/18/2009	02:12 PM	289	25	1135907	214882
11/18/2009	02:13 PM	290	11	1136006	214891
11/18/2009	02:19 PM	291	10	1136099	214902
11/18/2009	02:20 PM	292	100	1136180	214905
11/18/2009	02:21 PM	293	0	1136167	215007
11/18/2009	02:22 PM	294	6	1136069	214991
11/18/2009	02:23 PM	295	100	1135976	214976
11/18/2009	02:25 PM	296	3	1135891	215004
11/18/2009	02:28 PM	297	0	1135904	215103
11/18/2009	02:29 PM	298	0	1136000	215110
11/18/2009	02:30 PM	299	8	1136111	215100
11/18/2009	02:32 PM	300	96	1136173	215224
11/18/2009	02:35 PM	301	0	1136276	215284
11/18/2009	02:44 PM	302	0	1136496	215742
11/18/2009	02:45 PM	303	0	1136464	215766
11/18/2009	02:46 PM	304	0	1136482	215814
11/18/2009	02:47 PM	305	0	1136498	215871
11/18/2009	02:48 PM	306	0	1136516	215927
11/18/2009	02:48 PM	307	0	1136527	215979
11/18/2009	02:49 PM	308	0	1136540	216026
11/18/2009	02:50 PM	309	0	1136554	216078
11/18/2009	02:51 PM	310	0	1136569	216133
11/18/2009	02:52 PM	311	0	1136581	216180
11/18/2009	02:53 PM	312	0	1136597	216232
11/18/2009	02:54 PM	313	0	1136612	216292
11/18/2009	02:55 PM	314	0	1136624	216340
11/18/2009	02:56 PM	315	0	1136642	216389
11/18/2009	02:57 PM	316	0	1136654	216438
11/18/2009	02:58 PM	317	0	1136667	216485
11/18/2009	02:59 PM	318	0	1136680	216537
11/18/2009	03:00 PM	319	0	1136695	216592
11/18/2009	03:01 PM	320	0	1136708	216644
11/18/2009	03:03 PM	321	0	1136724	216689
11/18/2009	03:04 PM	322	0	1136733	216740

Table 3.2 Con't.

Date	Time	Sample ID	% LEL	X	Y
11/18/2009	03:05 PM	323	0	1136746	216783
11/18/2009	03:06 PM	324	0	1136763	216830
11/18/2009	03:07 PM	325	0	1136776	216874
11/18/2009	03:08 PM	326	0	1136788	216921
11/18/2009	03:18 PM	327	0	1136847	216962
11/18/2009	03:18 PM	328	0	1136861	217015
11/18/2009	03:19 PM	329	0	1136875	217069
11/18/2009	03:20 PM	330	0	1136885	217120
11/18/2009	03:21 PM	331	0	1136913	217192
11/18/2009	03:22 PM	332	0	1136928	217240
11/18/2009	03:23 PM	333	0	1136942	217290
11/18/2009	03:24 PM	334	0	1136954	217331
11/18/2009	03:25 PM	335	0	1136988	217448
11/18/2009	03:26 PM	336	0	1137008	217493
11/18/2009	03:27 PM	337	0	1137058	217482
11/18/2009	03:28 PM	338	0	1137131	217443
11/18/2009	03:31 PM	339	0	1137200	217447
11/18/2009	03:32 PM	340	0	1137255	217438
11/18/2009	03:32 PM	341	0	1137302	217425
11/18/2009	03:33 PM	342	0	1137356	217415
11/18/2009	03:34 PM	343	0	1137413	217400
11/18/2009	03:35 PM	344	0	1137473	217389
11/18/2009	03:36 PM	345	0	1137516	217376
11/18/2009	03:37 PM	346	0	1137594	217356
11/18/2009	03:38 PM	347	0	1137645	217344
11/18/2009	03:39 PM	348	0	1137697	217336
11/18/2009	03:40 PM	349	0	1137753	217323
11/18/2009	03:41 PM	350	0	1137816	217304
11/18/2009	03:41 PM	351	0	1137861	217278
11/18/2009	03:42 PM	352	0	1137902	217237
11/18/2009	03:43 PM	353	0	1137932	217192
11/18/2009	03:44 PM	354	0	1137953	217141
11/18/2009	03:52 PM	355	0	1137963	217092
11/18/2009	03:53 PM	356	0	1137966	217031
11/18/2009	03:54 PM	357	0	1137964	216982
11/18/2009	03:55 PM	358	0	1137963	216933
11/18/2009	03:56 PM	359	0	1137963	216880
11/18/2009	03:56 PM	360	0	1137963	216826
11/18/2009	03:58 PM	361	0	1137962	216776
11/18/2009	03:58 PM	362	0	1137960	216722
11/18/2009	04:00 PM	363	0	1137964	216673
11/18/2009	04:00 PM	364	0	1137958	216625
11/18/2009	04:01 PM	365	0	1137957	216557
11/18/2009	04:02 PM	366	0	1137956	216503
11/18/2009	04:03 PM	367	0	1137945	216456
11/18/2009	04:03 PM	368	0	1137951	216400
11/18/2009	04:04 PM	369	0	1137951	216344
11/18/2009	04:05 PM	370	0	1137953	216287
11/18/2009	04:06 PM	371	0	1137952	216237
11/18/2009	04:07 PM	372	0	1137947	216169

Notes: Time is local Daylight Savings Time

XY Coordinates in NY State Plane Long Island (Feet) NAD83

%LEL = percent of methane lower explosive limit.

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

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA (final) HOURLY OBSERVATIONS TABLE REPUBLIC AIRPORT (54787) FARMINGDALE , NY (08/2009)

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

Elevation: 75 ft. above sea level
Latitude: 40.734
Longitude: -73.417
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		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)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0053	12	CLR	7.00		68	20.0	67	19.2	66	18.9	93	0	000		29.88	0	007	29.97	AA		29.97
01	0153	12	CLR	7.00		68	20.0	67	19.3	66	18.9	93	3	260		29.90			29.98	AA		29.99
01	0253	12	CLR	7.00		68	20.0	66	18.9	65	18.3	90	0	000		29.91			29.99	AA		30.00
01	0353	12	CLR	8.00		67	19.4	66	18.7	65	18.3	93	0	000		29.92	1	012	30.00	AA		30.01
01	0453	12	CLR	9.00		66	18.9	65	18.2	64	17.8	93	0	000		29.93			30.02	AA		30.02
01	0553	12	CLR	9.00		67	19.4	65	18.4	64	17.8	90	0	000		29.97			30.06	AA		30.06
01	0653	12	CLR	10.00		71	21.7	67	19.5	65	18.3	81	3	350		30.00	3	028	30.09	AA		30.09
01	0753	12	CLR	10.00		73	22.8	69	20.2	66	18.9	79	3	040		30.01			30.09	AA		30.10
01	0853	12	CLR	10.00		76	24.4	69	20.5	65	18.3	69	5	030		30.00			30.08	AA		30.09
01	0953	12	CLR	10.00		77	25.0	68	20.0	63	17.2	62	0	000		30.00	1	002	30.09	AA		30.09
01	1053	12	CLR	10.00		79	26.1	68	19.8	61	16.1	54	0	000		30.00			30.09	AA		30.09
01	1153	12	FEW038	10.00		79	26.1	71	21.4	66	18.9	65	8	210		30.00			30.09	AA		30.09
01	1253	12	CLR	10.00		80	26.7	71	21.5	66	18.9	62	8	180		29.99	8	003	30.08	AA		30.08
01	1353	12	CLR	10.00		79	26.1	68	20.1	62	16.7	56	9	160		29.99			30.08	AA		30.08
01	1453	12	CLR	10.00		79	26.1	68	20.1	62	16.7	56	9	170		29.98			30.07	AA		30.07
01	1553	12	CLR	10.00		79	26.1	67	19.5	60	15.6	52	9	210		29.98	7	006	30.06	AA		30.07
01	1653	12	CLR	10.00		78	25.6	68	19.9	62	16.7	58	8	180		29.96			30.05	AA		30.05
01	1753	12	CLR	10.00		76	24.4	70	20.8	66	18.9	71	9	170		29.97			30.06	AA		30.06
01	1853	12	CLR	10.00		73	22.8	67	19.6	64	17.8	74	8	190		29.98	5	000	30.06	AA		30.07
01	1953	12	CLR	10.00		72	22.2	68	19.7	65	18.3	79	7	180		29.98			30.07	AA		30.07
01	2053	12	CLR	10.00		71	21.7	68	19.9	66	18.9	84	5	180		29.98			30.07	AA		30.07
01	2153	12	CLR	10.00		71	21.7	68	20.2	67	19.4	87	5	160		29.97	8	004	30.05	AA		30.06
01	2253	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	6	200		29.98			30.06	AA		30.07
01	2353	12	CLR	10.00		71	21.7	68	20.2	67	19.4	87	5	160		29.95			30.04	AA		30.04
02	0053	12	BKN110	10.00		72	22.2	69	20.4	67	19.4	84	6	190		29.94	8	009	30.03	AA		30.03
02	0153	12	FEW013 BKN100	10.00		72	22.2	69	20.7	68	20.0	87	5	180		29.93			30.02	AA		30.02
02	0253	12	FEW011	10.00		71	21.7	69	20.5	68	20.0	90	0	000		29.91			30.00	AA		30.00
02	0306	12	BKN009	10.00		72	22.0	69	20.7	68	20.0	87	0	000		29.91			M	SP		30.00
02	0316	12	SCT009	10.00		72	22.0	69	20.7	68	20.0	87	0	000		29.91			M	SP		30.00
02	0353	12	FEW095	10.00		71	21.7	69	20.5	68	20.0	90	0	000		29.90	8	014	29.99	AA		29.99
02	0453	12	FEW012 SCT020	10.00		71	21.7	69	20.5	68	20.0	90	3	150		29.90			29.99	AA		29.99
02	0535	12	FEW009 SCT090	10.00		72	22.0	71	21.4	70	21.0	93	6	160		29.91			M	SP		30.00
02	0553	12	FEW090	10.00		73	22.8	70	21.3	69	20.6	87	6	140		29.90			29.98	AA		29.99
02	0613	12	FEW009 SCT019 BKN120	10.00		73	23.0	71	21.6	70	21.0	90	6	160		29.90			M	SP		29.99

02	0621	12	FEW009 BKN019 BKN120	10.00		73	23.0	71	21.6	70	21.0	90	6	140		29.89			M	SP		29.98
02	0629	12	FEW009 SCT019 BKN120	10.00		73	23.0	71	21.6	70	21.0	90	5	130		29.89			M	SP		29.98
02	0643	12	SCT009 SCT014 BKN019	10.00		73	23.0	71	21.6	70	21.0	90	7	140		29.89			M	SP		29.98
02	0653	12	SCT009 BKN017 BKN110	10.00		74	23.3	71	21.8	70	21.1	87	7	140		29.89	8	004	29.97	AA		29.98
02	0716	12	FEW009 SCT012 BKN110	10.00		73	23.0	71	21.6	70	21.0	90	9	140		29.89			M	SP		29.98
02	0730	12	SCT009 BKN015 BKN110	10.00		73	23.0	71	21.6	70	21.0	90	10	150		29.89			M	SP		29.98
02	0737	12	BKN009 BKN018 BKN110	10.00		73	23.0	71	21.6	70	21.0	90	9	150		29.90			M	SP		29.99
02	0750	12	BKN012 OVC019	10.00		73	23.0	71	21.6	70	21.0	90	9	150		29.90			M	SP		29.99
02	0753	12	SCT010 BKN014 BKN019	10.00		74	23.3	71	21.8	70	21.1	87	8	150		29.90			29.98	AA		29.99
02	0817	12	SCT013 BKN020 BKN110	10.00		73	23.0	71	21.6	70	21.0	90	8	150		29.89			M	SP		29.98
02	0836	12	FEW009 SCT012 BKN018	10.00		75	24.0	72	22.0	70	21.0	85	8	140		29.88			M	SP		29.97
02	0853	12	SCT010 BKN017 BKN024	10.00		74	23.3	71	21.8	70	21.1	87	8	140		29.87			29.96	AA		29.96
02	0904	12	BKN012 OVC021	10.00		75	24.0	72	22.0	70	21.0	85	6	130		29.87			M	SP		29.96
02	0944	12	SCT014 BKN019 BKN028	10.00		75	24.0	72	22.0	70	21.0	85	13	160		29.85			M	SP		29.94
02	0951	12	BKN014 BKN028	10.00		77	25.0	72	22.4	70	21.0	79	13	130		29.84			M	SP		29.93
02	0953	12	SCT014 BKN020 BKN028	10.00		77	25.0	72	22.4	70	21.1	79	14	140		29.84	8	018	29.93	AA		29.93
02	1023	12	BKN014 BKN020 OVC028	10.00		77	25.0	72	22.4	70	21.0	79	16	140	22	29.83			M	SP		29.92
02	1053	12	BKN013 BKN030	10.00		77	25.0	73	22.7	71	21.7	82	15	140		29.83			29.91	AA		29.92
02	1105	12	SCT013 BKN020 BKN025	10.00		75	24.0	73	22.7	72	22.0	90	15	160	23	29.83			M	SP		29.92
02	1124	12	SCT009 BKN018 OVC022	10.00		75	24.0	73	22.7	72	22.0	90	14	150		29.84			M	SP		29.93
02	1131	12	BKN009 OVC018	10.00		75	24.0	73	22.7	72	22.0	90	14	180		29.84			M	SP		29.93
02	1153	12	BKN007 OVC015	9.00	-RA	75	23.9	73	22.7	72	22.2	90	11	160	18	29.85			29.93	AA	0.01	29.94
02	1231	12	BKN007 OVC014	7.00	VCTS -RA	73	23.0	72	22.4	72	22.0	97	9	160		29.83			M	SP		29.92
02	1253	12	OVC007	7.00	VCTS -RA	74	23.3	73	22.5	72	22.2	94	7	190		29.83	8	004	29.92	AA	0.04	29.92
02	1300	12	BKN007 OVC010	5.00	VCTS -RA BR	73	23.0	72	22.4	72	22.0	97	6	200		29.83			M	SP		29.92
02	1319	12	BKN007 OVC014	2.50	RA BR	75	24.0	73	22.7	72	22.0	90	5	240		29.83			M	SP		29.92
02	1324	12	BKN007 BKN015 OVC023	3.00	RA BR	73	23.0	72	22.4	72	22.0	97	5	240		29.83			M	SP		29.92
02	1326	12	FEW007 BKN011 OVC026	2.50	VCTS RA BR	75	24.0	73	22.7	72	22.0	90	3	230		29.83			M	SP		29.92
02	1341	12	FEW005 SCT012 OVC018	2.00	RA BR	73	23.0	72	22.4	72	22.0	97	0	000		29.82			M	SP		29.91
02	1351	12	FEW005 OVC018	4.00	-RA BR	75	24.0	73	22.7	72	22.0	90	6	150		29.81			M	SP		29.90
02	1353	12	FEW005 OVC018	4.00	-RA BR	75	23.9	73	22.7	72	22.2	90	6	150		29.81			29.90	AA	0.16	29.90
02	1453	12	FEW009 BKN020	6.00	-RA BR	73	22.8	71	21.6	70	21.1	90	11	150		29.77			29.85	AA	0.12	29.86
02	1510	12	SCT018	8.00	-RA	73	23.0	72	22.4	72	22.0	97	11	140		29.75			M	SP		29.84
02	1553	12	SCT070 BKN110	10.00		73	22.8	70	21.3	69	20.6	87	8	170		29.75	6	028	29.84	AA	T	29.84
02	1653	12	SCT070 BKN110	10.00		74	23.3	71	21.5	69	20.6	84	9	200		29.75			29.83	AA		29.84
02	1753	12	CLR	10.00		73	22.8	69	20.6	67	19.4	82	7	220		29.75			29.84	AA		29.84
02	1834	12	BKN012 BKN017 OVC090	10.00		72	22.0	69	20.7	68	20.0	87	8	220		29.77			M	SP		29.86
02	1851	12	SCT012 OVC017	10.00		73	23.0	70	20.9	68	20.0	84	9	220	17	29.77			M	SP		29.86
02	1853	12	OVC015	10.00		74	23.3	70	21.1	68	20.0	82	10	210		29.77	3	006	29.85	AA		29.86
02	1917	12	OVC013	10.00		72	22.0	69	20.7	68	20.0	87	9	220		29.77			M	SP		29.86
02	1925	12	FEW010 OVC017	10.00		73	23.0	70	20.9	68	20.0	84	8	240		29.78			M	SP		29.87
02	1953	12	OVC013	10.00		73	22.8	70	20.9	68	20.0	84	9	250		29.78			29.87	AA		29.87
02	2003	12	BKN015	10.00		72	22.0	69	20.7	68	20.0	87	6	250		29.78			M	SP		29.87
02	2015	12	FEW011 SCT016	10.00		72	22.0	69	20.7	68	20.0	87	7	250		29.78			M	SP		29.87
02	2053	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	5	260		29.80			29.88	AA		29.89
02	2153	12	CLR	10.00		71	21.7	69	20.5	68	20.0	90	3	250		29.79	0	009	29.88	AA		29.88
02	2253	12	CLR	10.00		71	21.7	69	20.5	68	20.0	90	3	290		29.80			29.89	AA		29.89
02	2353	12	CLR	10.00		70	21.1	68	20.0	67	19.4	90	0	000		29.81			29.90	AA		29.90
03	0053	12	CLR	10.00		69	20.6	68	19.8	67	19.4	93	0	000		29.82	3	008	29.91	AA		29.91
03	0153	12	CLR	10.00		68	20.0	67	19.2	66	18.9	93	0	000		29.81			29.90	AA		29.90
03	0253	12	CLR	10.00		68	20.0	67	19.2	66	18.9	93	0	000		29.82			29.91	AA		29.91
03	0353	12	CLR	10.00		68	20.0	67	19.2	66	18.9	93	0	000		29.83	3	004	29.91	AA		29.92
03	0453	12	CLR	10.00		68	20.0	67	19.2	66	18.9	93	0	000		29.84			29.93	AA		29.93
03	0553	12	BKN090	10.00		69	20.6	67	19.5	66	18.9	90	0	000		29.86			29.95	AA		29.95
03	0653	12	SCT090	10.00		73	22.8	70	20.9	68	20.0	84	5	020		29.87	1	015	29.96	AA		29.96
03	0753	12	CLR	10.00		75	23.9	71	21.6	69	20.6	82	3	030		29.89			29.98	AA		29.98
03	0853	12	FEW060	10.00		77	25.0	69	20.7	65	18.3	67	7	070		29.90			29.99	AA		29.99
03	0953	12	CLR	10.00		79	26.1	71	21.3	66	18.9	65	5	360		29.91	1	012	29.99	AA		30.00
03	1053	12	SCT035	10.00		80	26.7	71	21.5	66	18.9	62	3	070		29.91			29.99	AA		30.00

03	1153	12	FEW047	10.00		81	27.2	72	22.0	67	19.4	63	9	140		29.91			29.99	AA		30.00
03	1253	12	FEW050 SCT080	10.00		79	26.1	71	21.3	66	18.9	65	8	160		29.90	8	003	29.98	AA		29.99
03	1353	12	FEW032	10.00		81	27.2	72	22.4	68	20.0	65	7	180		29.89			29.98	AA		29.98
03	1453	12	CLR	10.00		81	27.2	72	22.0	67	19.4	63	9	220		29.88			29.97	AA		29.97
03	1553	12	CLR	10.00		80	26.7	72	22.2	68	20.0	67	9	200		29.87	6	008	29.96	AA		29.96
03	1653	12	CLR	10.00		79	26.1	71	21.7	67	19.4	67	9	190		29.87			29.96	AA		29.96
03	1753	12	CLR	10.00		78	25.6	71	21.8	68	20.0	71	7	230		29.88			29.97	AA		29.97
03	1853	12	CLR	8.00		76	24.4	72	22.2	70	21.1	82	11	200		29.89	3	006	29.98	AA		29.98
03	1953	12	FEW055	8.00		75	23.9	72	22.4	71	21.7	87	8	220		29.90			29.98	AA		29.99
03	2053	12	BKN060	7.00		75	23.9	73	22.7	72	22.2	90	7	220		29.91			30.00	AA		30.00
03	2144	12	FEW008 SCT060	7.00		75	24.0	73	22.7	72	22.0	90	5	240		29.91			M	SP		30.00
03	2153	12	CLR	7.00		75	23.9	72	22.4	71	21.7	87	3	240		29.91	1	007	30.00	AA		30.00
03	2253	12	CLR	6.00	BR	74	23.3	72	22.2	71	21.7	90	0	000		29.91			29.99	AA		30.00
03	2353	12	CLR	5.00	BR	73	22.8	71	21.6	70	21.1	90	0	000		29.90			29.99	AA		29.99
04	0053	12	CLR	5.00	BR	71	21.7	70	20.9	69	20.6	93	0	000		29.90	6	005	29.98	AA		29.99
04	0153	12	CLR	7.00		70	21.1	68	20.0	67	19.4	90	0	000		29.90			29.98	AA		29.99
04	0253	12	CLR	9.00		70	21.1	67	19.3	65	18.3	84	0	000		29.90			29.98	AA		29.99
04	0353	12	CLR	9.00		69	20.6	66	18.8	64	17.8	84	0	000		29.90	3	001	29.99	AA		29.99
04	0453	12	CLR	8.00		67	19.4	65	18.0	63	17.2	87	0	000		29.91			30.00	AA	0.01	30.00
04	0553	12	CLR	9.00		69	20.6	65	18.4	63	17.2	81	0	000		29.92			30.01	AA		30.01
04	0653	12	CLR	10.00		73	22.8	66	18.9	62	16.7	69	3	300		29.93	1	010	30.02	AA		30.02
04	0753	12	CLR	10.00		76	24.4	67	19.2	61	16.1	60	3	300		29.94			30.02	AA		30.03
04	0853	12	CLR	10.00		78	25.6	66	19.0	59	15.0	52	6	270		29.93			30.01	AA		30.02
04	0953	12	CLR	10.00		81	27.2	67	19.3	58	14.4	46	5	VR		29.91	8	006	30.00	AA		30.00
04	1053	12	CLR	10.00		82	27.8	68	19.7	59	15.0	46	6	270		29.89			29.98	AA		29.98
04	1153	12	FEW048	10.00		83	28.3	70	21.1	63	17.2	51	10	230		29.90			29.98	AA		29.99
04	1253	12	CLR	10.00		82	27.8	69	20.6	62	16.7	51	14	210		29.88	6	010	29.97	AA		29.97
04	1353	12	CLR	10.00		82	27.8	70	21.2	64	17.8	55	15	200		29.86			29.95	AA		29.95
04	1453	12	CLR	10.00		81	27.2	70	21.1	64	17.8	56	15	200		29.86			29.94	AA		29.95
04	1553	12	CLR	10.00		80	26.7	70	21.2	65	18.3	60	11	210		29.86	5	008	29.95	AA		29.95
04	1653	12	CLR	10.00		79	26.1	71	21.3	66	18.9	65	20	200	24	29.84			29.93	AA		29.93
04	1753	12	CLR	7.00		77	25.0	72	22.4	70	21.1	79	11	210	23	29.82			29.90	AA		29.91
04	1853	12	CLR	8.00		76	24.4	72	22.2	70	21.1	82	13	200	20	29.83	5	012	29.91	AA		29.92
04	1935	12	CLR	7.00		75	24.0	73	22.7	72	22.0	90	10	200		29.82			M	SP		29.91
04	1953	12	SCT010	6.00	HZ	75	23.9	72	22.4	71	21.7	87	13	210		29.82			29.91	AA		29.91
04	2013	12	BKN008	6.00	HZ	75	24.0	73	22.7	72	22.0	90	14	210		29.82			M	SP		29.91
04	2053	12	OVC008	6.00	BR	76	24.4	73	22.9	72	22.2	87	8	210	17	29.82			29.91	AA		29.91
04	2153	12	OVC006	6.00	BR	76	24.4	73	22.9	72	22.2	87	11	220		29.81	8	004	29.90	AA		29.90
04	2253	12	OVC006	6.00	BR	75	23.9	73	22.7	72	22.2	90	10	210		29.80			29.88	AA		29.89
04	2353	12	OVC006	6.00	BR	75	23.9	73	22.7	72	22.2	90	10	220		29.79			29.88	AA		29.88
05	0053	12	OVC006	7.00		75	23.9	73	22.7	72	22.2	90	14	220		29.79	6	008	29.87	AA		29.88
05	0151	12	SCT008 BKN049	8.00		75	24.0	73	22.7	72	22.0	90	7	210		29.79			M	SP		29.88
05	0153	12	SCT008 BKN049	8.00		75	23.9	73	22.7	72	22.2	90	5	220		29.79			29.88	AA		29.88
05	0253	12	FEW008	8.00		75	23.9	73	22.7	72	22.2	90	5	230		29.79			29.87	AA		29.88
05	0353	12	CLR	7.00		74	23.3	73	22.5	72	22.2	94	5	230		29.79	3	001	29.88	AA		29.88
05	0453	12	CLR	7.00		74	23.3	72	22.2	71	21.7	90	3	240		29.80			29.88	AA		29.89
05	0539	12	SCT009	6.00	BR	73	23.0	72	22.4	72	22.0	97	6	200		29.80			M	SP		29.89
05	0548	12	BKN009	6.00	BR	73	23.0	72	22.4	72	22.0	97	6	210		29.80			M	SP		29.89
05	0553	12	BKN007	6.00	BR	74	23.3	72	22.2	71	21.7	90	6	210		29.81			29.89	AA		29.90
05	0653	12	OVC007	5.00	BR	75	23.9	72	22.4	71	21.7	87	7	230		29.81	1	004	29.90	AA		29.90
05	0730	12	FEW007 SCT110	6.00	HZ	77	25.0	74	23.1	72	22.0	85	3	260		29.81			M	SP		29.90
05	0753	12	CLR	6.00	HZ	77	25.0	73	22.7	71	21.7	82	3	240		29.81			29.90	AA		29.90
05	0853	12	CLR	8.00		81	27.2	74	23.0	70	21.1	69	3	260		29.80			29.89	AA		29.89
05	0953	12	CLR	10.00		84	28.9	74	23.5	70	21.1	63	0	000		29.80	8	004	29.88	AA		29.89
05	1053	12	CLR	8.00		83	28.3	76	24.4	73	22.8	72	9	190		29.80			29.88	AA		29.89
05	1153	12	CLR	8.00		83	28.3	75	24.1	72	22.2	70	9	180		29.79			29.87	AA		29.88
05	1253	12	CLR	10.00		84	28.9	73	22.5	67	19.4	57	10	210		29.78	7	005	29.87	AA		29.87
05	1353	12	CLR	10.00		84	28.9	73	22.9	68	20.0	59	11	220		29.77			29.86	AA		29.86
05	1453	12	CLR	10.00		82	27.8	73	22.9	69	20.6	65	9	200		29.77			29.86	AA		29.86

05	1551	12	FEW055	10.00	VCTS	82	28.0	71	21.9	66	19.0	58	8	210		29.77			M	SP		29.86
05	1553	12	FEW055	10.00	VCTS	82	27.8	72	22.2	67	19.4	61	7	210		29.77	6	005	29.85	AA		29.86
05	1632	12	BKN036 BKN050 BKN110	5.00	+RA	79	26.0	69	20.7	64	18.0	60	9	350		29.77			M	SP		29.86
05	1642	12	SCT037 SCT085	10.00	-RA	77	25.0	70	21.0	66	19.0	69	5	010		29.77			M	SP		29.86
05	1653	12	FEW032	10.00		77	25.0	70	21.3	67	19.4	71	5	010		29.77			29.86	AA	0.05	29.86
05	1753	12	CLR	10.00		79	26.1	71	21.7	67	19.4	67	3	220		29.76			29.85	AA		29.85
05	1853	12	CLR	9.00		79	26.1	72	22.0	68	20.0	69	0	000		29.77	3	002	29.86	AA		29.86
05	1953	12	CLR	8.00		78	25.6	72	22.2	69	20.6	74	5	320		29.79			29.88	AA		29.88
05	2053	12	CLR	9.00		77	25.0	71	21.7	68	20.0	74	8	320		29.82			29.91	AA		29.91
05	2153	12	CLR	10.00		75	23.9	69	20.3	65	18.3	71	8	350		29.83	1	020	29.92	AA		29.92
05	2253	12	CLR	10.00		74	23.3	68	20.1	65	18.3	74	8	020		29.83			29.92	AA		29.92
05	2353	12	BKN065	10.00		72	22.2	66	19.0	63	17.2	73	6	020		29.85			29.93	AA		29.94
06	0053	12	BKN060 OVC075	10.00		71	21.7	64	17.6	59	15.0	66	9	020		29.84	0	003	29.93	AA		29.93
06	0153	12	FEW055 BKN085	10.00		69	20.6	59	15.1	52	11.1	55	10	020		29.84			29.93	AA		29.93
06	0253	12	SCT070	10.00		68	20.0	60	15.5	54	12.2	61	7	360		29.85			29.93	AA		29.94
06	0353	12	BKN048 BKN060	10.00		68	20.0	59	14.9	52	11.1	57	5	340		29.86	3	006	29.95	AA		29.95
06	0453	12	BKN055	10.00		67	19.4	59	14.7	52	11.1	59	5	350		29.86			29.95	AA		29.95
06	0553	12	CLR	10.00		68	20.0	59	15.2	53	11.7	59	6	340		29.87			29.96	AA		29.96
06	0653	12	CLR	10.00		67	19.4	60	15.3	54	12.2	63	5	350		29.88	3	005	29.96	AA		29.97
06	0753	12	FEW120	10.00		68	20.0	60	15.8	55	12.8	63	8	340		29.88			29.96	AA		29.97
06	0853	12	FEW044 SCT120	10.00		68	20.0	60	15.8	55	12.8	63	8	010		29.88			29.97	AA		29.97
06	0941	12	BKN019 BKN028 BKN034	10.00	-RA	66	19.0	61	15.9	57	14.0	73	3	330		29.90			M	SP		29.99
06	0953	12	BKN019 OVC034	7.00	-RA	67	19.4	62	16.4	58	14.4	73	3	340		29.90	3	009	29.99	AA	0.03s	29.99
06	1034	12	SCT024 BKN060	10.00	-RA	68	20.0	62	16.4	57	14.0	68	0	000		29.91			M	SP		30.00
06	1053	12	FEW035 BKN060	10.00	-RA	67	19.4	62	16.8	59	15.0	76	3	250		29.90			29.99	AA	0.01	29.99
06	1153	12	BKN070 BKN085	10.00		68	20.0	63	17.3	60	15.6	76	3	240		29.89			29.98	AA	T	29.98
06	1253	12	BKN090	10.00		70	21.1	63	17.4	59	15.0	68	0	000		29.88	8	008	29.96	AA		29.97
06	1353	12	FEW090	10.00		72	22.2	64	17.5	58	14.4	62	7	VR		29.85			29.94	AA		29.94
06	1453	12	SCT080	10.00		74	23.3	63	17.0	55	12.8	52	7	240		29.84			29.93	AA		29.93
06	1553	12	OVC090	10.00		75	23.9	63	17.2	55	12.8	50	0	000		29.84	6	014	29.93	AA		29.93
06	1653	12	BKN080	10.00		76	24.4	63	17.4	55	12.8	48	3	290		29.84			29.93	AA		29.93
06	1753	12	CLR	10.00		72	22.2	64	17.8	59	15.0	64	8	210		29.84			29.93	AA		29.93
06	1853	12	BKN080	10.00		72	22.2	64	17.8	59	15.0	64	6	240		29.86	3	007	29.95	AA		29.95
06	1953	12	FEW080	10.00		70	21.1	63	17.1	58	14.4	66	5	250		29.86			29.95	AA		29.95
06	2053	12	CLR	10.00		70	21.1	63	17.4	59	15.0	68	3	250		29.87			29.96	AA		29.96
06	2153	12	CLR	10.00		68	20.0	63	17.3	60	15.6	76	5	260		29.86	0	002	29.95	AA		29.95
06	2253	12	CLR	10.00		68	20.0	64	17.6	61	16.1	78	6	270		29.87			29.95	AA		29.96
06	2353	12	CLR	10.00		68	20.0	63	17.0	59	15.0	73	0	000		29.86			29.95	AA		29.95
07	0053	12	CLR	10.00		68	20.0	62	16.4	57	13.9	68	7	340		29.87	3	001	29.96	AA		29.96
07	0153	12	CLR	10.00		66	18.9	61	16.2	58	14.4	76	5	360		29.87			29.96	AA		29.96
07	0253	12	CLR	10.00		66	18.9	60	15.6	56	13.3	70	6	350		29.87			29.96	AA		29.96
07	0353	12	CLR	10.00		65	18.3	60	15.7	57	13.9	75	3	340		29.88	3	005	29.97	AA		29.97
07	0453	12	CLR	10.00		64	17.8	59	15.2	56	13.3	75	5	340		29.90			29.98	AA		29.99
07	0553	12	CLR	10.00		65	18.3	59	15.1	55	12.8	70	5	330		29.93			30.01	AA		30.02
07	0653	12	CLR	10.00		68	20.0	61	16.1	56	13.3	66	6	330		29.95	3	023	30.04	AA		30.04
07	0753	12	CLR	10.00		71	21.7	61	15.9	53	11.7	53	9	320		29.96			30.05	AA		30.05
07	0853	12	CLR	10.00		73	22.8	60	15.8	51	10.6	46	9	310	17	29.97			30.05	AA		30.06
07	0953	12	CLR	10.00		75	23.9	62	16.7	53	11.7	46	14	320	18	29.96	0	005	30.05	AA		30.05
07	1053	12	CLR	10.00		76	24.4	62	16.4	51	10.6	42	9	320	18	29.96			30.04	AA		30.05
07	1153	12	CLR	10.00		78	25.6	61	16.3	49	9.4	36	13	330	18	29.96			30.04	AA		30.05
07	1253	12	CLR	10.00		79	26.1	61	16.3	48	8.9	34	11	310	20	29.96	6	002	30.04	AA		30.05
07	1353	12	FEW070	10.00		79	26.1	62	16.5	49	9.4	35	10	310	20	29.95			30.03	AA		30.04
07	1453	12	FEW065	10.00		78	25.6	61	16.1	48	8.9	35	11	290		29.96			30.04	AA		30.05
07	1553	12	SCT075	10.00		81	27.2	62	16.4	47	8.3	30	8	300	22	29.94	8	005	30.03	AA		30.03
07	1653	12	FEW075	10.00		79	26.1	61	16.0	47	8.3	32	10	340		29.95			30.03	AA		30.04
07	1753	12	CLR	10.00		78	25.6	60	15.6	46	7.8	32	10	320		29.97			30.05	AA		30.06
07	1853	12	CLR	10.00		76	24.4	60	15.4	47	8.3	36	6	330		29.99	3	017	30.08	AA		30.08
07	1953	12	CLR	10.00		73	22.8	60	15.3	49	9.4	43	0	000		30.01			30.10	AA		30.10
07	2053	12	CLR	10.00		71	21.7	59	14.8	49	9.4	46	0	000		30.04			30.13	AA		30.13

07	2153	12	CLR	10.00		70	21.1	58	14.6	49	9.4	47	5	330		30.05	1	018	30.13	AA		30.14
07	2253	12	CLR	10.00		67	19.4	58	14.4	51	10.6	57	0	000		30.06			30.14	AA		30.15
07	2353	12	CLR	10.00		65	18.3	57	14.0	51	10.6	61	3	360		30.07			30.16	AA		30.16
08	0053	12	CLR	10.00		65	18.3	58	14.5	53	11.7	65	6	360		30.09	3	013	30.17	AA		30.18
08	0153	12	CLR	10.00		62	16.7	57	13.8	53	11.7	73	5	020		30.09			30.18	AA		30.18
08	0253	12	CLR	10.00		61	16.1	56	13.3	52	11.1	72	6	020		30.10			30.19	AA		30.19
08	0353	12	CLR	10.00		61	16.1	55	12.8	50	10.0	67	5	020		30.11	3	008	30.20	AA		30.20
08	0453	12	CLR	10.00		60	15.6	55	12.8	51	10.6	72	3	360		30.13			30.22	AA		30.22
08	0553	12	CLR	10.00		61	16.1	56	13.3	52	11.1	72	3	030		30.14			30.23	AA		30.23
08	0653	12	CLR	10.00		66	18.9	59	14.8	53	11.7	63	6	030		30.15	1	014	30.24	AA		30.24
08	0753	12	CLR	10.00		69	20.6	60	15.4	53	11.7	57	6	010		30.16			30.24	AA		30.25
08	0853	12	CLR	10.00		71	21.7	59	14.8	49	9.4	46	8	060		30.17			30.26	AA		30.26
08	0953	12	CLR	10.00		72	22.2	58	14.3	46	7.8	40	8	040		30.16	0	002	30.24	AA		30.25
08	1053	12	CLR	10.00		73	22.8	59	15.0	48	8.9	41	5	070		30.15			30.23	AA		30.24
08	1153	12	CLR	10.00		75	23.9	58	14.3	43	6.1	32	7	VR		30.15			30.23	AA		30.24
08	1253	12	CLR	10.00		76	24.4	59	14.7	44	6.7	32	6	VR		30.13	8	011	30.21	AA		30.22
08	1353	12	CLR	10.00		76	24.4	59	15.2	46	7.8	35	0	000		30.12			30.21	AA		30.21
08	1453	12	CLR	10.00		73	22.8	61	16.0	52	11.1	48	9	190		30.12			30.20	AA		30.21
08	1553	12	CLR	10.00		72	22.2	61	15.8	52	11.1	50	8	170		30.10	8	008	30.19	AA		30.19
08	1653	12	CLR	10.00		71	21.7	61	15.9	53	11.7	53	8	200		30.10			30.19	AA		30.19
08	1753	12	CLR	10.00		71	21.7	61	15.9	53	11.7	53	7	210		30.11			30.19	AA		30.20
08	1853	12	CLR	10.00		70	21.1	61	15.9	54	12.2	57	6	190		30.11	0	002	30.19	AA		30.20
08	1953	12	CLR	10.00		69	20.6	61	16.0	55	12.8	61	6	190		30.11			30.20	AA		30.20
08	2053	12	CLR	10.00		69	20.6	62	16.6	57	13.9	66	5	170		30.11			30.20	AA		30.20
08	2153	12	CLR	10.00		69	20.6	62	16.6	57	13.9	66	5	170		30.10	8	001	30.19	AA		30.19
08	2253	12	BKN110	10.00		70	21.1	62	16.8	57	13.9	64	6	190		30.11			30.20	AA		30.20
08	2353	12	FEW070 BKN100	10.00		70	21.1	63	17.1	58	14.4	66	5	180		30.12			30.20	AA		30.21
09	0053	12	BKN100	10.00		70	21.1	63	17.4	59	15.0	68	5	160		30.10	8	000	30.19	AA		30.19
09	0153	12	FEW050 BKN065 OVC095	10.00		70	21.1	64	17.7	60	15.6	71	6	170		30.09			30.18	AA		30.18
09	0253	12	SCT036 OVC065	10.00		70	21.1	65	18.0	61	16.1	73	5	160		30.08			30.16	AA		30.17
09	0353	12	FEW055 BKN080	10.00		70	21.1	64	17.7	60	15.6	71	6	150		30.06	8	015	30.14	AA		30.15
09	0453	12	BKN080 OVC100	10.00		70	21.1	66	18.7	63	17.2	79	6	170		30.05			30.14	AA		30.14
09	0553	12	SCT095	10.00		70	21.1	67	19.3	65	18.3	84	8	180		30.04			30.13	AA		30.13
09	0653	12	FEW085	9.00		71	21.7	67	19.5	65	18.3	81	13	180		30.03	8	007	30.12	AA		30.12
09	0753	12	SCT015 SCT022 BKN075	10.00		72	22.2	68	19.7	65	18.3	79	10	170		30.03			30.12	AA		30.12
09	0837	12	BKN020 OVC065	10.00		72	22.0	67	19.4	64	18.0	76	10	170		30.03			M	SP		30.12
09	0853	12	OVC022	10.00		71	21.7	67	19.5	65	18.3	81	10	180		30.03			30.11	AA		30.12
09	0939	12	BKN014 BKN020 OVC028	10.00		72	22.0	68	20.0	66	19.0	82	11	160		30.03			M	SP		30.12
09	0953	12	BKN014 BKN020 OVC026	10.00		72	22.2	68	20.0	66	18.9	82	13	160		30.02	8	005	30.11	AA		30.11
09	1053	12	BKN014 OVC021	10.00		74	23.3	69	20.8	67	19.4	79	11	150		30.00			30.09	AA		30.09
09	1122	12	BKN016 OVC020	10.00		75	24.0	69	20.6	66	19.0	74	11	140		29.99			M	SP		30.08
09	1153	12	SCT018 BKN023 OVC031	10.00		76	24.4	70	21.1	67	19.4	74	9	190		29.98			30.07	AA		30.07
09	1251	12	BKN014 BKN019 OVC027	10.00		75	24.0	72	22.0	70	21.0	85	9	170		29.97			M	SP		30.06
09	1253	12	BKN014 OVC027	10.00		75	23.9	71	21.6	69	20.6	82	10	170		29.97	6	016	30.06	AA		30.06
09	1326	12	SCT014 BKN019 OVC033	9.00		75	24.0	72	22.0	70	21.0	85	9	180		29.97			M	SP		30.06
09	1334	12	FEW012 BKN030 OVC037	8.00		75	24.0	72	22.0	70	21.0	85	9	160		29.97			M	SP		30.06
09	1343	12	SCT012 BKN020 OVC033	8.00		75	24.0	72	22.0	70	21.0	85	11	170		29.97			M	SP		30.06
09	1353	12	SCT012 BKN024 OVC033	8.00		75	23.9	72	22.0	70	21.1	85	9	160		29.96			30.05	AA		30.05
09	1403	12	BKN012 OVC023	8.00		75	24.0	72	22.0	70	21.0	85	10	180		29.96			M	SP		30.05
09	1453	12	BKN012 BKN018 OVC065	8.00		76	24.4	73	22.5	71	21.7	85	7	180		29.94			30.03	AA		30.03
09	1520	12	SCT012 BKN018 BKN024	9.00		77	25.0	72	22.4	70	21.0	79	9	170		29.93			M	SP		30.02
09	1541	12	SCT018 BKN045	8.00		75	24.0	72	22.0	70	21.0	85	3	200		29.93			M	SP		30.02
09	1553	12	SCT020 BKN045	8.00		77	25.0	72	22.4	70	21.1	79	9	170		29.92	8	017	30.01	AA		30.01
09	1646	12	BKN014 BKN034 OVC041	8.00		75	24.0	72	22.0	70	21.0	85	8	190		29.93			M	SP		30.02
09	1653	12	BKN014 BKN041	7.00		75	23.9	72	22.0	70	21.1	85	8	190		29.93			30.02	AA		30.02
09	1739	12	FEW010 SCT016 OVC029	7.00		75	24.0	72	22.0	70	21.0	85	7	220		29.93			M	SP		30.02
09	1753	12	FEW013 OVC029	7.00		75	23.9	72	22.0	70	21.1	85	5	190		29.92			30.01	AA		30.01
09	1853	12	OVC027	8.00		75	23.9	72	22.0	70	21.1	85	6	230		29.88	8	013	29.97	AA	T	29.97
09	1929	12	FEW010 SCT026 SCT035	7.00		73	23.0	71	21.6	70	21.0	90	6	170		29.87			M	SP		29.96

09	1953	12	CLR	7.00		74	23.3	72	22.2	71	21.7	90	3	180		29.87			29.96	AA	T	29.96
09	2053	12	CLR	5.00	BR	73	22.8	72	22.0	71	21.7	93	5	220		29.88			29.97	AA		29.97
09	2153	12	SCT024 SCT085	5.00	BR	74	23.3	72	22.2	71	21.7	90	3	210		29.89	3	001	29.98	AA		29.98
09	2253	12	SCT043	4.00	-RA BR	74	23.3	72	22.2	71	21.7	90	3	240		29.87			29.96	AA	T	29.96
09	2353	12	FEW065	4.00	-RA BR	74	23.3	73	22.5	72	22.2	94	7	190		29.85			29.93	AA	0.01	29.94
10	0053	12	CLR	4.00	BR	74	23.3	72	22.2	71	21.7	90	0	000		29.87	5	005	29.96	AA	T	29.96
10	0153	12	OVC080	10.00	-RA	73	22.8	69	20.6	67	19.4	82	9	270		29.84			29.93	AA	0.01	29.93
10	0253	12	SCT095	10.00		73	22.8	69	20.2	66	18.9	79	6	270		29.81			29.90	AA	T	29.90
10	0353	12	CLR	10.00		76	24.4	69	20.5	65	18.3	69	5	270		29.80	6	026	29.88	AA		29.89
10	0453	12	CLR	10.00		74	23.3	69	20.4	66	18.9	76	5	220		29.78			29.86	AA		29.87
10	0553	12	CLR	10.00		74	23.3	69	20.4	66	18.9	76	7	290		29.79			29.88	AA		29.88
10	0653	12	CLR	10.00		77	25.0	70	21.3	67	19.4	71	10	320	16	29.83	3	012	29.92	AA		29.92
10	0753	12	CLR	10.00		78	25.6	71	21.5	67	19.4	69	7	320		29.83			29.92	AA		29.92
10	0853	12	CLR	10.00		81	27.2	72	22.0	67	19.4	63	7	320		29.84			29.93	AA		29.93
10	0953	12	CLR	10.00		85	29.4	72	22.4	66	18.9	53	7	330		29.83	8	001	29.92	AA		29.92
10	1053	12	CLR	10.00		86	30.0	73	22.9	67	19.4	53	9	320	17	29.81			29.90	AA		29.90
10	1153	12	CLR	10.00		87	30.6	74	23.3	68	20.0	53	10	290		29.80			29.89	AA		29.89
10	1253	12	CLR	10.00		89	31.7	75	24.0	69	20.6	52	7	300		29.79	6	013	29.88	AA		29.88
10	1353	12	CLR	10.00		89	31.7	76	24.3	70	21.1	54	9	230		29.77			29.86	AA		29.86
10	1453	12	CLR	10.00		89	31.7	76	24.6	71	21.7	55	13	230		29.75			29.84	AA		29.84
10	1553	12	CLR	10.00		88	31.1	76	24.5	71	21.7	57	11	200		29.74	6	019	29.82	AA		29.83
10	1653	12	BKN060	10.00		86	30.0	76	24.2	71	21.7	61	9	220		29.72			29.81	AA		29.81
10	1753	12	CLR	10.00		84	28.9	74	23.5	70	21.1	63	10	220		29.72			29.80	AA		29.81
10	1853	12	CLR	9.00		83	28.3	75	23.7	71	21.7	67	5	210		29.74	3	001	29.83	AA		29.83
10	1953	12	CLR	9.00		81	27.2	75	23.7	72	22.2	74	0	000		29.73			29.82	AA		29.82
10	2051	12	FEW065	8.00	VCTS	82	28.0	76	24.3	73	23.0	74	0	000		29.75			M	SP		29.84
10	2053	12	SCT060	8.00	VCTS	82	27.8	76	24.3	73	22.8	74	10	310	21	29.76			29.84	AA		29.85
10	2114	12	FEW037 BKN049 OVC090	6.00	TSRA	75	24.0	72	22.0	70	21.0	85	13	340	28	29.78			M	SP		29.87
10	2141	12	FEW060 SCT075	10.00		75	24.0	70	21.3	68	20.0	79	6	030		29.75			M	SP		29.84
10	2153	12	FEW075	10.00		74	23.3	70	21.1	68	20.0	82	0	000		29.74	0	003	29.83	AA	0.02	29.83
10	2253	12	CLR	10.00		76	24.4	72	22.2	70	21.1	82	0	000		29.73			29.82	AA		29.82
10	2353	12	CLR	9.00		75	23.9	72	22.4	71	21.7	87	0	000		29.73			29.81	AA		29.82
11	0053	12	CLR	10.00		77	25.0	72	22.3	70	21.1	79	0	000		29.72	7	009	29.80	AA		29.81
11	0153	12	CLR	10.00		76	24.4	72	22.2	70	21.1	82	3	250		29.71			29.79	AA		29.80
11	0253	12	FEW120	10.00		76	24.4	72	22.2	70	21.1	82	6	340		29.71			29.80	AA		29.80
11	0353	12	CLR	10.00		75	23.9	71	21.6	69	20.6	82	0	000		29.69	8	008	29.78	AA		29.78
11	0453	12	FEW090	10.00		76	24.4	71	21.5	68	20.0	76	3	330		29.72			29.80	AA		29.81
11	0553	12	SCT090	10.00		76	24.4	71	21.5	68	20.0	76	5	320		29.73			29.82	AA		29.82
11	0653	12	CLR	10.00		76	24.4	71	21.5	68	20.0	76	9	330		29.74	1	017	29.83	AA		29.83
11	0753	12	CLR	10.00		79	26.1	72	22.0	68	20.0	69	8	340		29.75			29.84	AA		29.84
11	0853	12	CLR	10.00		82	27.8	73	22.5	68	20.0	63	8	020		29.75			29.84	AA		29.84
11	0953	12	CLR	10.00		83	28.3	73	22.7	68	20.0	61	7	320		29.75	1	004	29.84	AA		29.84
11	1053	12	FEW033	10.00		85	29.4	74	23.0	68	20.0	57	7	280		29.75			29.84	AA		29.84
11	1153	12	FEW040	10.00		87	30.6	74	23.0	67	19.4	52	9	360		29.75			29.84	AA		29.84
11	1253	12	FEW042	10.00		87	30.6	72	22.1	64	17.8	46	7	VR		29.74	8	004	29.83	AA		29.83
11	1353	12	FEW050	10.00		87	30.6	71	21.5	62	16.7	43	9	300	16	29.73			29.81	AA		29.82
11	1453	12	FEW055	10.00		88	31.1	72	21.9	63	17.2	43	7	VR		29.72			29.80	AA		29.81
11	1553	12	CLR	10.00		87	30.6	71	21.5	62	16.7	43	10	280		29.72	5	007	29.81	AA		29.81
11	1653	12	CLR	10.00		87	30.6	70	21.2	61	16.1	42	8	280		29.71			29.80	AA		29.80
11	1753	12	CLR	10.00		86	30.0	70	21.0	61	16.1	43	6	340		29.72			29.81	AA		29.81
11	1853	12	CLR	10.00		85	29.4	70	21.1	62	16.7	46	3	330		29.74	3	005	29.82	AA		29.83
11	1953	12	CLR	10.00		81	27.2	72	22.0	67	19.4	63	5	230		29.75			29.84	AA		29.84
11	2053	12	CLR	10.00		80	26.7	73	22.9	70	21.1	72	5	250		29.75			29.84	AA		29.84
11	2153	12	CLR	10.00		79	26.1	73	22.7	70	21.1	74	0	000		29.77	1	010	29.85	AA		29.86
11	2253	12	CLR	10.00		80	26.7	73	22.9	70	21.1	72	0	000		29.77			29.86	AA		29.86
11	2353	12	CLR	10.00		77	25.0	72	22.3	70	21.1	79	0	000		29.77			29.86	AA		29.86
12	0053	12	CLR	10.00		75	23.9	70	21.3	68	20.0	79	3	360		29.77	1	003	29.86	AA		29.86
12	0153	12	CLR	10.00		73	22.8	69	20.2	66	18.9	79	7	020		29.78			29.86	AA		29.87
12	0253	12	CLR	10.00		73	22.8	69	20.6	67	19.4	82	7	010		29.78			29.86	AA		29.87

12	0353	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	10	020		29.78	1	001	29.86	AA		29.87
12	0453	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	9	010		29.81			29.89	AA		29.90
12	0553	12	FEW070	7.00		73	22.8	70	21.3	69	20.6	87	6	020		29.82			29.91	AA		29.91
12	0651	12	SCT007	7.00		73	23.0	71	21.6	70	21.0	90	7	050		29.83			M	SP		29.92
12	0653	12	SCT007	7.00		73	22.8	71	21.6	70	21.1	90	9	050		29.83	1	010	29.92	AA		29.92
12	0707	12	BKN007	7.00		73	23.0	71	21.6	70	21.0	90	6	030		29.84			M	SP		29.93
12	0751	12	BKN011 BKN110	9.00		75	24.0	72	22.0	70	21.0	85	8	040		29.86			M	SP		29.95
12	0753	12	BKN011 OVC110	9.00		76	24.4	72	22.2	70	21.1	82	8	030		29.86			29.95	AA		29.95
12	0853	12	BKN013 BKN100	10.00		77	25.0	72	22.4	70	21.1	79	7	090		29.87			29.95	AA		29.96
12	0900	12	SCT013 BKN100	10.00		77	25.0	72	22.4	70	21.0	79	7	070		29.87			M	SP		29.96
12	0953	12	FEW016	9.00		78	25.6	73	22.5	70	21.1	77	6	080		29.88	3	007	29.97	AA		29.97
12	1027	12	BKN016	10.00		79	26.0	73	22.7	70	21.0	74	7	110		29.88			M	SP		29.97
12	1053	12	SCT018 SCT070	10.00		80	26.7	74	23.2	71	21.7	74	9	110		29.88			29.97	AA		29.97
12	1153	12	CLR	10.00		77	25.0	72	22.0	69	20.6	76	10	120		29.89			29.97	AA		29.98
12	1207	12	FEW017	10.00	VCTS	77	25.0	72	22.4	70	21.0	79	7	VR		29.89			M	SP		29.98
12	1228	12	SCT017	10.00		75	24.0	72	22.0	70	21.0	85	8	120		29.90			M	SP		29.99
12	1237	12	BKN017	10.00		75	24.0	72	22.0	70	21.0	85	10	120		29.90			M	SP		29.99
12	1253	12	BKN015 OVC020	9.00	-RA	75	23.9	71	21.6	69	20.6	82	9	120		29.90	3	006	29.98	AA	T	29.99
12	1318	12	BKN013 BKN021	9.00	-RA	73	23.0	71	21.6	70	21.0	90	9	120		29.90			M	SP		29.99
12	1342	12	OVC015	6.00	-RA	73	23.0	71	21.6	70	21.0	90	6	100		29.90			M	SP		29.99
12	1353	12	OVC015	7.00	-RA	74	23.3	71	21.5	69	20.6	84	6	100		29.90			29.99	AA	0.02	29.99
12	1451	12	BKN013	8.00	-RA	73	23.0	71	21.6	70	21.0	90	8	130		29.90			M	SP		29.99
12	1453	12	BKN013	8.00	-RA	73	22.8	70	21.3	69	20.6	87	10	130		29.90			29.98	AA	0.01	29.99
12	1530	12	OVC009	10.00	-RA	72	22.0	69	20.7	68	20.0	87	11	110		29.89			M	SP		29.98
12	1553	12	OVC009	10.00		71	21.7	69	20.5	68	20.0	90	9	110		29.89	8	002	29.98	AA	T	29.98
12	1653	12	OVC009	10.00		71	21.7	68	20.2	67	19.4	87	10	070		29.89			29.98	AA		29.98
12	1745	12	BKN011 OVC018	10.00		72	22.0	68	20.0	66	19.0	82	6	090		29.91			M	SP		30.00
12	1753	12	BKN011 OVC018	10.00		71	21.7	68	20.2	67	19.4	87	6	100		29.92			30.01	AA		30.01
12	1853	12	OVC013	10.00		71	21.7	68	19.8	66	18.9	84	9	100		29.93	3	012	30.01	AA	T	30.02
12	1920	12	SCT012 OVC018	10.00		72	22.0	68	20.0	66	19.0	82	10	100		29.92			M	SP		30.01
12	1951	12	SCT012	10.00		70	21.0	67	19.7	66	19.0	87	7	070		29.92			M	SP		30.01
12	1953	12	SCT012	10.00		70	21.1	67	19.3	65	18.3	84	7	080		29.92			30.01	AA		30.01
12	2009	12	FEW012 BKN021	10.00		70	21.0	66	19.0	64	18.0	81	5	080		29.93			M	SP		30.02
12	2040	12	BKN013 OVC023	10.00		70	21.0	66	19.0	64	18.0	81	7	080		29.94			M	SP		30.03
12	2053	12	OVC013	10.00		70	21.1	67	19.3	65	18.3	84	10	080		29.94			30.03	AA		30.03
12	2153	12	BKN011 BKN024 OVC031	10.00		70	21.1	67	19.3	65	18.3	84	8	080		29.94	0	004	30.02	AA		30.03
12	2253	12	OVC011	10.00		70	21.1	67	19.3	65	18.3	84	7	100		29.93			30.01	AA		30.02
12	2308	12	OVC009	10.00		70	21.0	66	19.0	64	18.0	81	6	090		29.93			M	SP		30.02
12	2353	12	OVC009	10.00		69	20.6	67	19.5	66	18.9	90	6	070		29.93			30.01	AA		30.02
13	0053	12	OVC007	10.00		69	20.6	67	19.5	66	18.9	90	6	090		29.92	7	005	30.01	AA		30.01
13	0153	12	OVC007	10.00		69	20.6	66	19.1	65	18.3	87	6	070		29.92			30.01	AA		30.01
13	0253	12	OVC007	10.00		69	20.6	66	19.1	65	18.3	87	5	060		29.93			30.02	AA		30.02
13	0353	12	OVC007	10.00		69	20.6	66	19.1	65	18.3	87	9	070		29.93	3	003	30.02	AA		30.02
13	0453	12	OVC007	10.00		69	20.6	66	19.1	65	18.3	87	9	050		29.94			30.03	AA		30.03
13	0553	12	OVC009	10.00		69	20.6	66	19.1	65	18.3	87	10	040		29.94			30.03	AA		30.03
13	0651	12	OVC011	10.00		70	21.0	66	19.0	64	18.0	81	8	060		29.96			M	SP		30.05
13	0653	12	OVC011	10.00		69	20.6	66	19.1	65	18.3	87	8	060		29.96	2	006	30.04	AA		30.05
13	0753	12	OVC011	7.00		70	21.1	67	19.3	65	18.3	84	11	040		29.96			30.05	AA		30.05
13	0853	12	OVC011	9.00		70	21.1	67	19.3	65	18.3	84	8	040		29.98			30.06	AA		30.07
13	0953	12	OVC011	10.00		70	21.1	67	19.3	65	18.3	84	9	040		29.99	3	012	30.08	AA		30.08
13	1043	12	OVC015	10.00		72	22.0	67	19.4	64	18.0	76	10	060		29.99			M	SP		30.08
13	1053	12	BKN017 OVC025	10.00		72	22.2	67	19.4	64	17.8	76	9	060		30.00			30.08	AA		30.09
13	1153	12	OVC019	10.00		71	21.7	67	19.2	64	17.8	79	7	030		30.01			30.10	AA		30.10
13	1253	12	BKN021 OVC044	10.00		72	22.2	67	19.4	64	17.8	76	8	040		30.01	3	007	30.10	AA		30.10
13	1353	12	BKN018 OVC023	10.00		73	22.8	67	19.6	64	17.8	74	10	050		30.01			30.10	AA		30.10
13	1453	12	OVC027	10.00		73	22.8	67	19.6	64	17.8	74	10	040		30.00			30.09	AA		30.09
13	1525	12	FEW021 SCT027	10.00		73	23.0	67	19.6	64	18.0	74	7	030		30.00			M	SP		30.09
13	1539	12	BKN027	10.00		73	23.0	67	19.3	63	17.0	71	9	040		30.00			M	SP		30.09
13	1553	12	BKN029 BKN033	10.00		75	23.9	69	20.3	65	18.3	71	8	060		30.01	5	003	30.09	AA		30.10

13	1613	12	SCT023 BKN031	10.00		75	24.0	68	20.0	64	18.0	69	8	060		30.01			M	SP		30.10
13	1653	12	BKN035	10.00		74	23.3	68	19.8	64	17.8	71	8	030		30.01			30.09	AA		30.10
13	1753	12	FEW022 OVC040	10.00		73	22.8	67	19.3	63	17.2	71	9	030		30.02			30.11	AA		30.11
13	1853	12	OVC040	10.00		71	21.7	67	19.2	64	17.8	79	5	040		30.04	3	012	30.13	AA		30.13
13	1953	12	FEW028 OVC042	10.00		70	21.1	66	19.0	64	17.8	81	5	040		30.05			30.14	AA		30.14
13	2053	12	BKN038	10.00		69	20.6	66	18.8	64	17.8	84	5	030		30.06			30.14	AA		30.15
13	2153	12	BKN036	10.00		69	20.6	66	18.8	64	17.8	84	3	030		30.07	1	009	30.15	AA		30.16
13	2253	12	CLR	10.00		69	20.6	66	18.8	64	17.8	84	0	000		30.06			30.15	AA		30.15
13	2353	12	CLR	10.00		68	20.0	66	18.6	64	17.8	87	0	000		30.05			30.14	AA		30.14
14	0053	12	CLR	10.00		66	18.9	64	17.8	63	17.2	90	0	000		30.06	5	002	30.15	AA		30.15
14	0153	12	CLR	10.00		66	18.9	64	17.8	63	17.2	90	0	000		30.07			30.16	AA		30.16
14	0253	12	SCT015	10.00		64	17.8	62	16.7	61	16.1	90	3	010		30.07			30.16	AA		30.16
14	0353	12	CLR	10.00		65	18.3	63	17.3	62	16.7	90	0	000		30.07	1	005	30.16	AA		30.16
14	0453	12	CLR	10.00		65	18.3	63	17.0	61	16.1	87	0	000		30.08			30.17	AA		30.17
14	0553	12	CLR	10.00		65	18.3	63	17.3	62	16.7	90	0	000		30.10			30.19	AA		30.19
14	0620	12	FEW035	10.00		68	20.0	65	18.2	63	17.0	84	0	000		30.10			M	SP		30.19
14	0653	12	FEW035	10.00		69	20.6	66	18.8	64	17.8	84	0	000		30.11	1	012	30.19	AA		30.20
14	0753	12	CLR	10.00		73	22.8	68	19.9	65	18.3	76	0	000		30.10			30.19	AA		30.19
14	0851	12	BKN021 BKN032	10.00		73	23.0	69	20.2	66	19.0	79	5	VR		30.11			M	SP		30.20
14	0853	12	BKN021 BKN032	10.00		74	23.3	68	20.1	65	18.3	74	5	250		30.11			30.20	AA		30.20
14	0923	12	SCT023 BKN032	10.00		75	24.0	68	20.0	64	18.0	69	5	210		30.12			M	SP		30.21
14	0953	12	FEW029 SCT034	10.00		76	24.4	70	20.8	66	18.9	71	6	170		30.11	1	003	30.20	AA		30.20
14	1021	12	BKN027	10.00		75	24.0	68	20.0	64	18.0	69	3	170		30.12			M	SP		30.21
14	1030	12	BKN025 OVC033	10.00		75	24.0	68	20.0	64	18.0	69	5	VR		30.12			M	SP		30.21
14	1051	12	SCT023 BKN036	10.00		79	26.0	72	22.0	68	20.0	69	8	230		30.11			M	SP		30.20
14	1053	12	SCT023 SCT036	10.00		78	25.6	71	21.8	68	20.0	71	8	220		30.11			30.20	AA		30.20
14	1153	12	SCT025 BKN032	10.00		79	26.1	72	22.0	68	20.0	69	9	220		30.10			30.19	AA		30.19
14	1217	12	BKN029 OVC036	10.00		79	26.0	71	21.4	66	19.0	65	7	210		30.10			M	SP		30.19
14	1240	12	FEW026 BKN033	10.00		79	26.0	72	22.0	68	20.0	69	8	210		30.10			M	SP		30.19
14	1253	12	FEW026 SCT036	10.00		79	26.1	72	22.0	68	20.0	69	9	180		30.09	8	006	30.18	AA		30.18
14	1353	12	CLR	10.00		79	26.1	71	21.7	67	19.4	67	11	200		30.09			30.17	AA		30.18
14	1453	12	CLR	10.00		80	26.7	71	21.9	67	19.4	65	10	220		30.08			30.16	AA		30.17
14	1553	12	CLR	10.00		80	26.7	71	21.5	66	18.9	62	8	200		30.07	6	007	30.16	AA		30.16
14	1653	12	CLR	10.00		78	25.6	70	21.2	66	18.9	67	9	190		30.07			30.16	AA		30.16
14	1753	12	CLR	10.00		76	24.4	70	20.8	66	18.9	71	9	210		30.07			30.16	AA		30.16
14	1853	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	8	220		30.08	3	003	30.17	AA		30.17
14	1953	12	CLR	10.00		73	22.8	69	20.6	67	19.4	82	6	230		30.09			30.18	AA		30.18
14	2053	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	5	220		30.10			30.18	AA		30.19
14	2153	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	7	220		30.09	0	003	30.18	AA		30.18
14	2253	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	5	220		30.09			30.18	AA		30.18
14	2353	12	CLR	9.00		72	22.2	69	20.7	68	20.0	87	0	000		30.09			30.17	AA		30.18
15	0053	12	CLR	9.00		71	21.7	68	20.2	67	19.4	87	3	220		30.08	8	003	30.17	AA		30.17
15	0153	12	CLR	9.00		71	21.7	68	20.2	67	19.4	87	5	230		30.08			30.17	AA		30.17
15	0253	12	CLR	8.00		70	21.1	68	20.0	67	19.4	90	3	230		30.08			30.17	AA		30.17
15	0353	12	CLR	7.00		70	21.1	67	19.7	66	18.9	87	0	000		30.08	8	001	30.16	AA		30.17
15	0453	12	CLR	7.00		69	20.6	67	19.5	66	18.9	90	9	270		30.09			30.18	AA	0.01	30.18
15	0553	12	CLR	5.00	BR	70	21.1	68	20.0	67	19.4	90	3	240		30.10			30.18	AA		30.19
15	0653	12	CLR	6.00	HZ	73	22.8	70	20.9	68	20.0	84	0	000		30.10	1	007	30.19	AA		30.19
15	0753	12	CLR	8.00		77	25.0	72	22.0	69	20.6	76	0	000		30.10			30.19	AA		30.19
15	0853	12	CLR	10.00		80	26.7	73	22.5	69	20.6	69	0	000		30.10			30.19	AA		30.19
15	0953	12	FEW035	10.00		82	27.8	72	22.2	67	19.4	61	6	190		30.10	8	001	30.19	AA		30.19
15	1053	12	BKN031 BKN041 OVC049	10.00		81	27.2	72	22.4	68	20.0	65	9	210		30.09			30.18	AA		30.18
15	1153	12	FEW042 SCT065	10.00		84	28.9	72	22.2	66	18.9	55	14	180		30.08			30.17	AA		30.17
15	1253	12	CLR	10.00		83	28.3	71	21.7	65	18.3	55	13	210		30.08	6	008	30.16	AA		30.17
15	1353	12	CLR	10.00		83	28.3	71	21.7	65	18.3	55	10	210		30.06			30.15	AA		30.15
15	1453	12	CLR	10.00		83	28.3	71	21.4	64	17.8	53	10	200		30.06			30.14	AA		30.15
15	1553	12	CLR	10.00		81	27.2	72	22.0	67	19.4	63	13	170		30.05	6	007	30.14	AA		30.14
15	1653	12	CLR	10.00		79	26.1	72	22.4	69	20.6	72	13	200		30.05			30.14	AA		30.14
15	1753	12	CLR	10.00		77	25.0	71	21.7	68	20.0	74	10	200		30.04			30.13	AA		30.13

15	1853	12	CLR	10.00		75	23.9	71	21.6	69	20.6	82	10	210		30.06	3	001	30.14	AA		30.15
15	1953	12	CLR	10.00		74	23.3	71	21.5	69	20.6	84	8	220		30.07			30.16	AA		30.16
15	2053	12	CLR	10.00		74	23.3	71	21.5	69	20.6	84	9	220		30.09			30.17	AA		30.18
15	2153	12	CLR	10.00		74	23.3	70	21.1	68	20.0	82	6	230		30.09	1	010	30.17	AA		30.18
15	2253	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	3	220		30.09			30.17	AA		30.18
15	2353	12	CLR	10.00		73	22.8	70	21.3	69	20.6	87	3	230		30.08			30.17	AA		30.17
16	0053	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	3	220		30.07	8	005	30.16	AA		30.16
16	0153	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	0	000		30.06			30.15	AA		30.15
16	0253	12	CLR	10.00		71	21.7	68	20.2	67	19.4	87	0	000		30.06			30.15	AA		30.15
16	0353	12	CLR	10.00		71	21.7	68	20.2	67	19.4	87	0	000		30.07	5	001	30.16	AA		30.16
16	0453	12	CLR	8.00		70	21.1	68	20.0	67	19.4	90	3	240		30.08			30.16	AA		30.17
16	0553	12	CLR	6.00	BR	71	21.7	69	20.5	68	20.0	90	0	000		30.09			30.17	AA		30.18
16	0653	12	CLR	7.00		74	23.3	71	21.5	69	20.6	84	0	000		30.09	1	009	30.18	AA		30.18
16	0753	12	CLR	9.00		79	26.1	72	22.4	69	20.6	72	0	000		30.10			30.19	AA		30.19
16	0853	12	CLR	10.00		83	28.3	73	22.7	68	20.0	61	5	300		30.10			30.18	AA		30.19
16	0953	12	CLR	10.00		86	30.0	74	23.2	68	20.0	55	3	300		30.09	8	001	30.18	AA		30.18
16	1053	12	CLR	10.00		87	30.6	72	22.4	65	18.3	48	3	VR		30.08			30.17	AA		30.17
16	1153	12	BKN080	9.00		86	30.0	75	23.9	70	21.1	59	9	200		30.08			30.16	AA		30.17
16	1253	12	SCT049 BKN075	10.00		87	30.6	74	23.4	68	20.0	53	10	180		30.07	8	008	30.15	AA		30.16
16	1353	12	CLR	10.00		85	29.4	72	22.4	66	18.9	53	13	210		30.06			30.14	AA		30.15
16	1453	12	CLR	10.00		86	30.0	73	22.6	66	18.9	51	10	210		30.05			30.13	AA		30.14
16	1553	12	CLR	10.00		84	28.9	73	22.9	68	20.0	59	10	190		30.04	6	009	30.13	AA		30.13
16	1653	12	CLR	10.00		82	27.8	72	22.2	67	19.4	61	10	210		30.04			30.13	AA		30.13
16	1753	12	CLR	10.00		79	26.1	72	22.4	69	20.6	72	9	200		30.04			30.13	AA		30.13
16	1853	12	CLR	8.00		77	25.0	72	22.4	70	21.1	79	7	200		30.06	3	007	30.15	AA		30.15
16	1953	12	CLR	10.00		76	24.4	72	22.2	70	21.1	82	8	200		30.07			30.16	AA		30.16
16	2053	12	CLR	9.00		76	24.4	71	21.8	69	20.6	79	6	220		30.08			30.16	AA		30.17
16	2153	12	CLR	8.00		76	24.4	72	22.2	70	21.1	82	6	200		30.08	1	007	30.17	AA		30.17
16	2253	12	CLR	9.00		76	24.4	72	22.2	70	21.1	82	6	220		30.08			30.17	AA		30.17
16	2353	12	CLR	8.00		75	23.9	72	22.4	71	21.7	87	6	210		30.08			30.16	AA		30.17
17	0053	12	CLR	8.00		75	23.9	72	22.4	71	21.7	87	6	230		30.07	8	003	30.16	AA		30.16
17	0153	12	CLR	7.00		75	23.9	72	22.4	71	21.7	87	6	220		30.07			30.16	AA		30.16
17	0253	12	CLR	6.00	BR	74	23.3	72	22.2	71	21.7	90	3	240		30.06			30.15	AA		30.15
17	0353	12	CLR	5.00	BR	73	22.8	71	21.6	70	21.1	90	0	000		30.06	7	003	30.15	AA		30.15
17	0453	12	CLR	5.00	BR	73	22.8	70	21.3	69	20.6	87	0	000		30.07			30.16	AA		30.16
17	0553	12	CLR	3.00	BR	73	22.8	70	21.3	69	20.6	87	0	000		30.08			30.16	AA		30.17
17	0653	12	CLR	4.00	HZ	77	25.0	72	22.4	70	21.1	79	0	000		30.08	1	006	30.17	AA		30.17
17	0753	12	CLR	8.00		81	27.2	73	22.7	69	20.6	67	0	000		30.08			30.17	AA		30.17
17	0853	12	CLR	10.00		85	29.4	72	22.4	66	18.9	53	5	340		30.08			30.17	AA		30.17
17	0953	12	CLR	10.00		87	30.6	74	23.0	67	19.4	52	0	000		30.09	3	004	30.18	AA		30.18
17	1053	12	CLR	10.00		89	31.7	73	22.7	65	18.3	45	6	VR		30.08			30.17	AA		30.17
17	1153	12	FEW055	10.00		89	31.7	75	24.0	69	20.6	52	9	220		30.07			30.16	AA		30.16
17	1253	12	CLR	10.00		88	31.1	75	23.8	69	20.6	53	13	180		30.06	6	009	30.15	AA		30.15
17	1353	12	CLR	10.00		87	30.6	73	22.7	66	18.9	50	11	210		30.05			30.13	AA		30.14
17	1453	12	CLR	10.00		88	31.1	73	22.9	66	18.9	48	11	200		30.04			30.12	AA		30.13
17	1553	12	CLR	10.00		86	30.0	72	22.2	65	18.3	50	13	210		30.02	6	013	30.11	AA		30.11
17	1653	12	CLR	10.00		84	28.9	73	22.5	67	19.4	57	11	220		30.02			30.11	AA		30.11
17	1753	12	FEW070	10.00		82	27.8	71	21.6	65	18.3	56	10	210		30.01			30.10	AA		30.10
17	1853	12	CLR	10.00		80	26.7	72	22.2	68	20.0	67	6	220		30.02	5	003	30.10	AA		30.11
17	1953	12	FEW070	10.00		79	26.1	72	22.4	69	20.6	72	6	220		30.02			30.11	AA		30.11
17	2053	12	CLR	10.00		79	26.1	74	23.1	71	21.7	77	6	210		30.03			30.11	AA		30.12
17	2153	12	CLR	9.00		78	25.6	73	22.9	71	21.7	79	3	230		30.03	0	003	30.11	AA		30.12
17	2253	12	CLR	10.00		78	25.6	73	22.5	70	21.1	77	6	250		30.03			30.11	AA		30.12
17	2353	12	CLR	10.00		79	26.1	72	22.0	68	20.0	69	6	270		30.03			30.11	AA		30.12
18	0053	12	CLR	10.00		79	26.1	69	20.7	64	17.8	60	6	280		30.02	8	002	30.11	AA		30.11
18	0153	12	CLR	10.00		77	25.0	68	20.0	63	17.2	62	5	260		30.02			30.11	AA		30.11
18	0253	12	CLR	10.00		76	24.4	67	19.2	61	16.1	60	5	270		30.01			30.10	AA		30.10
18	0353	12	CLR	10.00		74	23.3	65	18.5	60	15.6	62	3	240		30.01	8	003	30.10	AA		30.10
18	0453	12	CLR	10.00		72	22.2	65	18.4	61	16.1	68	0	000		30.01			30.09	AA		30.10

18	0553	12	CLR	10.00		72	22.2	66	18.7	62	16.7	71	0	000		30.01			30.10	AA		30.10
18	0653	12	CLR	8.00		75	23.9	69	20.6	66	18.9	74	5	250		30.01	6	000	30.10	AA		30.10
18	0753	12	CLR	10.00		81	27.2	69	20.4	62	16.7	53	7	260		30.00			30.09	AA		30.09
18	0853	12	CLR	10.00		83	28.3	71	21.4	64	17.8	53	8	260		29.99			30.08	AA		30.08
18	0953	12	CLR	10.00		84	28.9	73	22.9	68	20.0	59	8	210		30.00	5	005	30.08	AA		30.09
18	1053	12	CLR	10.00		86	30.0	74	23.2	68	20.0	55	13	230		29.99			30.07	AA		30.08
18	1153	12	CLR	10.00		86	30.0	73	22.9	67	19.4	53	11	210		29.97			30.06	AA		30.06
18	1253	12	CLR	10.00		84	28.9	74	23.5	70	21.1	63	14	200		29.97	7	010	30.05	AA		30.06
18	1353	12	CLR	10.00		85	29.4	75	23.7	70	21.1	61	13	190		29.94			30.02	AA		30.03
18	1453	12	CLR	10.00		85	29.4	74	23.4	69	20.6	59	15	200		29.92			30.00	AA		30.01
18	1553	12	CLR	10.00		83	28.3	74	23.4	70	21.1	65	17	210	24	29.90	6	022	29.99	AA		29.99
18	1653	12	CLR	10.00		81	27.2	74	23.4	71	21.7	72	16	200	24	29.89			29.98	AA		29.98
18	1753	12	CLR	10.00		79	26.1	74	23.4	72	22.2	79	16	210	22	29.89			29.97	AA		29.98
18	1853	12	CLR	9.00		78	25.6	75	23.6	73	22.8	85	20	220	26	29.89	5	002	29.98	AA		29.98
18	1932	12	BKN010	9.00		79	26.0	75	23.8	73	23.0	82	14	220	23	29.90			M	SP		29.99
18	1939	12	BKN008	9.00		79	26.0	75	23.8	73	23.0	82	14	220	23	29.90			M	SP		29.99
18	1953	12	BKN008	9.00		78	25.6	75	24.0	74	23.3	88	14	210	22	29.90			29.98	AA		29.99
18	2038	12	SCT008 BKN047	8.00		79	26.0	75	23.8	73	23.0	82	15	210	22	29.91			M	SP		30.00
18	2053	12	SCT008 BKN047	8.00		78	25.6	75	24.0	74	23.3	88	13	210	21	29.91			29.99	AA		30.00
18	2137	12	FEW027 SCT046 BKN100	9.00	VCTS	79	26.0	75	23.8	73	23.0	82	11	240		29.90			M	SP		29.99
18	2153	12	FEW041 SCT049 SCT070	10.00	TS	78	25.6	70	20.8	65	18.3	64	11	310	22	29.89	8	001	29.98	AA		29.98
18	2225	12	BKN060	10.00	-RA	75	24.0	69	20.6	66	19.0	74	6	330		29.89			M	SP		29.98
18	2253	12	OVC047	10.00	-RA	73	22.8	69	20.6	67	19.4	82	8	250		29.90			29.98	AA	0.01	29.99
18	2353	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	7	260		29.89			29.97	AA	T	29.98
19	0053	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	5	230		29.88	8	004	29.97	AA		29.97
19	0153	12	BKN100	10.00		74	23.3	69	20.8	67	19.4	79	6	250		29.87			29.96	AA		29.96
19	0253	12	FEW095	10.00		73	22.8	70	20.9	68	20.0	84	6	230		29.87			29.95	AA		29.96
19	0353	12	FEW090	10.00		73	22.8	70	20.9	68	20.0	84	6	230		29.86	8	006	29.95	AA		29.95
19	0453	12	FEW065 SCT075 BKN090	10.00		74	23.3	70	21.1	68	20.0	82	7	240		29.86			29.95	AA		29.95
19	0553	12	CLR	10.00		74	23.3	71	21.5	69	20.6	84	6	240		29.87			29.96	AA		29.96
19	0653	12	CLR	10.00		75	23.9	72	22.0	70	21.1	85	6	250		29.88	3	007	29.97	AA		29.97
19	0753	12	FEW015	10.00		77	25.0	72	22.4	70	21.1	79	9	240		29.89			29.98	AA		29.98
19	0853	12	CLR	10.00		82	27.8	73	22.5	68	20.0	63	7	VR		29.88			29.96	AA		29.97
19	0953	12	CLR	10.00		83	28.3	73	22.7	68	20.0	61	6	280		29.88	8	001	29.96	AA		29.97
19	1053	12	CLR	10.00		85	29.4	72	22.4	66	18.9	53	9	280	16	29.88			29.96	AA		29.97
19	1153	12	CLR	10.00		87	30.6	73	22.7	66	18.9	50	9	330		29.87			29.95	AA		29.96
19	1253	12	CLR	10.00		87	30.6	73	22.7	66	18.9	50	0	000		29.86	8	007	29.94	AA		29.95
19	1353	12	CLR	10.00		89	31.7	72	22.1	63	17.2	42	5	290		29.85			29.93	AA		29.94
19	1453	12	CLR	10.00		91	32.8	73	22.7	64	17.8	41	5	VR		29.84			29.93	AA		29.93
19	1553	12	FEW039 BKN050	10.00		85	29.4	75	23.7	70	21.1	61	10	190		29.85	5	003	29.93	AA		29.94
19	1653	12	CLR	10.00		83	28.3	72	22.0	66	18.9	57	14	220		29.84			29.93	AA		29.93
19	1753	12	CLR	10.00		82	27.8	72	22.2	67	19.4	61	8	240		29.84			29.93	AA		29.93
19	1853	12	CLR	10.00		80	26.7	74	23.2	71	21.7	74	10	210		29.84	6	002	29.93	AA		29.93
19	1953	12	CLR	10.00		80	26.7	75	23.6	72	22.2	77	11	220		29.85			29.94	AA		29.94
19	2053	12	CLR	9.00		79	26.1	74	23.4	72	22.2	79	8	220		29.85			29.94	AA		29.94
19	2153	12	CLR	8.00		78	25.6	75	23.6	73	22.8	85	6	220		29.85	0	003	29.94	AA		29.94
19	2253	12	CLR	7.00		78	25.6	75	23.6	73	22.8	85	3	230		29.86			29.94	AA		29.95
19	2353	12	CLR	6.00	BR	77	25.0	74	23.4	73	22.8	88	0	000		29.87			29.95	AA		29.96
20	0053	12	CLR	6.00	BR	77	25.0	74	23.4	73	22.8	88	0	000		29.86	0	002	29.94	AA		29.95
20	0153	12	CLR	6.00	HZ	77	25.0	74	23.1	72	22.2	85	0	000		29.86			29.94	AA		29.95
20	0253	12	CLR	6.00	BR	75	23.9	72	22.4	71	21.7	87	0	000		29.86			29.94	AA		29.95
20	0353	12	CLR	5.00	BR	75	23.9	73	22.7	72	22.2	90	0	000		29.85	8	001	29.94	AA		29.94
20	0453	12	CLR	5.00	BR	74	23.3	72	22.2	71	21.7	90	0	000		29.86			29.94	AA		29.95
20	0553	12	CLR	5.00	BR	75	23.9	72	22.4	71	21.7	87	0	000		29.87			29.96	AA		29.96
20	0653	12	CLR	5.00	HZ	79	26.1	74	23.4	72	22.2	79	0	000		29.88	3	009	29.97	AA		29.97
20	0753	12	CLR	7.00		81	27.2	74	23.4	71	21.7	72	7	190		29.88			29.97	AA		29.97
20	0853	12	CLR	7.00		83	28.3	75	23.7	71	21.7	67	7	210		29.88			29.97	AA		29.97
20	0953	12	CLR	7.00		84	28.9	76	24.2	72	22.2	67	9	190		29.88	0	000	29.97	AA		29.97
20	1053	12	CLR	10.00		85	29.4	75	24.0	71	21.7	63	9	200		29.88			29.97	AA		29.97

20	1153	12	CLR	10.00		85	29.4	77	24.7	73	22.8	67	14	200	22	29.88			29.97	AA		29.97
20	1253	12	CLR	10.00		84	28.9	76	24.6	73	22.8	70	13	190		29.88	8	000	29.97	AA		29.97
20	1353	12	CLR	10.00		84	28.9	76	24.2	72	22.2	67	10	200		29.86			29.95	AA		29.95
20	1453	12	FEW019	9.00		82	27.8	76	24.3	73	22.8	74	8	200		29.84			29.92	AA		29.93
20	1553	12	CLR	10.00		82	27.8	76	24.6	74	23.3	77	15	170		29.83	6	017	29.92	AA		29.92
20	1653	12	FEW014	10.00		81	27.2	76	24.5	74	23.3	79	13	200		29.83			29.92	AA		29.92
20	1753	12	FEW013	10.00		80	26.7	76	24.3	74	23.3	82	9	200		29.82			29.91	AA		29.91
20	1853	12	CLR	9.00		80	26.7	77	24.7	75	23.9	85	13	200		29.81	8	006	29.90	AA		29.90
20	1933	12	FEW009	9.00		79	26.0	76	24.5	75	24.0	88	11	210		29.83			M	SP		29.92
20	1953	12	FEW009	9.00		79	26.1	76	24.5	75	23.9	88	11	200		29.83			29.92	AA		29.92
20	2053	12	FEW009	10.00		79	26.1	76	24.5	75	23.9	88	13	230		29.84			29.93	AA		29.93
20	2151	12	BKN007	9.00		79	26.0	76	24.5	75	24.0	88	13	220		29.84			M	SP		29.93
20	2153	12	BKN007	9.00		79	26.1	76	24.5	75	23.9	88	11	220		29.84	1	010	29.93	AA		29.93
20	2246	12	SCT007	8.00		79	26.0	76	24.5	75	24.0	88	8	200		29.84			M	SP		29.93
20	2253	12	SCT007	8.00		78	25.6	76	24.3	75	23.9	91	7	200		29.85			29.93	AA		29.94
20	2353	12	CLR	9.00		78	25.6	76	24.3	75	23.9	91	8	220		29.84			29.92	AA		29.93
21	0053	12	CLR	10.00		78	25.6	75	24.0	74	23.3	88	8	220		29.83	8	003	29.92	AA		29.92
21	0144	12	SCT008	10.00		79	26.0	76	24.5	75	24.0	88	10	210		29.82			M	SP		29.91
21	0153	12	SCT008	9.00		78	25.6	76	24.3	75	23.9	91	11	210		29.82			29.91	AA		29.91
21	0235	12	BKN008	9.00		79	26.0	76	24.5	75	24.0	88	13	210		29.83			M	SP		29.92
21	0253	12	OVC006	9.00		78	25.6	76	24.3	75	23.9	91	11	200		29.83			29.91	AA		29.92
21	0353	12	BKN006	9.00		78	25.6	76	24.3	75	23.9	91	11	190		29.82	6	004	29.91	AA		29.91
21	0451	12	SCT006	9.00		79	26.0	76	24.5	75	24.0	88	11	200		29.82			M	SP		29.91
21	0453	12	SCT006	9.00		78	25.6	76	24.3	75	23.9	91	9	200		29.82			29.91	AA		29.91
21	0524	12	BKN008	7.00		79	26.0	76	24.5	75	24.0	88	13	210		29.82			M	SP		29.91
21	0551	12	SCT008	8.00		79	26.0	76	24.5	75	24.0	88	13	200		29.83			M	SP		29.92
21	0553	12	SCT008	8.00		79	26.1	76	24.5	75	23.9	88	11	200		29.83			29.92	AA		29.92
21	0643	12	BKN008	9.00		81	27.0	77	24.8	75	24.0	82	13	210	21	29.84			M	SP		29.93
21	0651	12	BKN010	9.00		81	27.0	77	24.8	75	24.0	82	15	210		29.84			M	SP		29.93
21	0653	12	BKN010	8.00		80	26.7	77	24.7	75	23.9	85	14	210		29.84	1	006	29.93	AA		29.93
21	0740	12	SCT010	10.00		81	27.0	77	24.8	75	24.0	82	16	220	24	29.84			M	SP		29.93
21	0753	12	SCT013	10.00		82	27.8	77	25.0	75	23.9	79	17	210	24	29.84			29.93	AA		29.93
21	0803	12	BKN015	10.00		82	28.0	77	25.0	75	24.0	79	17	210	23	29.84			M	SP		29.93
21	0817	12	BKN013	10.00		82	28.0	77	25.0	75	24.0	79	16	230		29.84			M	SP		29.93
21	0853	12	BKN013 BKN017	10.00		83	28.3	78	25.5	76	24.4	80	20	220	26	29.84			29.92	AA		29.93
21	0919	12	BKN015	10.00		82	28.0	77	25.0	75	24.0	79	16	210	22	29.84			M	SP		29.93
21	0953	12	BKN015	10.00		83	28.3	77	25.2	75	23.9	77	17	220	23	29.83	8	002	29.92	AA		29.92
21	1000	12	SCT015	10.00		84	29.0	78	25.3	75	24.0	74	16	210		29.83			M	SP		29.92
21	1053	12	SCT015	10.00		85	29.4	79	25.8	76	24.4	75	17	200	23	29.83			29.91	AA		29.92
21	1153	12	CLR	10.00		85	29.4	79	25.8	76	24.4	75	17	200	25	29.81			29.89	AA		29.90
21	1253	12	FEW014	10.00		85	29.4	79	25.8	76	24.4	75	18	200	25	29.79	8	014	29.88	AA		29.88
21	1353	12	CLR	10.00		85	29.4	78	25.5	75	23.9	72	22	200	29	29.77			29.86	AA		29.86
21	1453	12	CLR	10.00		84	28.9	78	25.3	75	23.9	74	22	210	30	29.77			29.85	AA		29.86
21	1553	12	FEW110	10.00		83	28.3	77	25.2	75	23.9	77	20	200	32	29.78	5	004	29.87	AA		29.87
21	1624	12	SCT014 BKN034 OVC090	10.00	-RA	79	26.0	72	22.0	68	20.0	69	9	300	28	29.82			M	SP		29.91
21	1653	12	BKN040 BKN050	10.00		76	24.4	71	21.5	68	20.0	76	5	330		29.83			29.92	AA	T	29.92
21	1753	12	FEW110	10.00		76	24.4	71	21.5	68	20.0	76	3	120		29.81			29.90	AA		29.90
21	1841	12	FEW055	10.00	VCTS	77	25.0	72	22.4	70	21.0	79	7	190		29.82			M	SP		29.91
21	1853	12	SCT055	10.00	VCTS -RA	77	25.0	72	22.4	70	21.1	79	6	160		29.81	0	009	29.89	AA	T	29.90
21	1901	12	BKN055	10.00	-RA	75	24.0	72	22.0	70	21.0	85	0	000		29.79			M	SP		29.88
21	1953	12	CLR	10.00		75	23.9	72	22.0	70	21.1	85	3	200		29.82			29.91	AA	T	29.91
21	2053	12	CLR	10.00		75	23.9	71	21.6	69	20.6	82	5	210		29.84			29.93	AA		29.93
21	2153	12	CLR	10.00		74	23.3	71	21.8	70	21.1	87	3	210		29.84	0	010	29.92	AA		29.93
21	2253	12	FEW060	10.00		75	23.9	72	22.4	71	21.7	87	5	220		29.83			29.92	AA		29.92
21	2353	12	SCT016 BKN023 BKN028	10.00		77	25.0	74	23.1	72	22.2	85	7	200		29.83			29.92	AA		29.92
22	0029	12	BKN008 BKN015 OVC022	10.00		79	26.0	75	23.8	73	23.0	82	10	190		29.82			M	SP		29.91
22	0053	12	BKN006 OVC010	9.00		78	25.6	76	24.3	75	23.9	91	11	190		29.82	8	005	29.91	AA		29.91
22	0153	12	BKN008 BKN013 OVC018	10.00		78	25.6	76	24.3	75	23.9	91	13	190		29.81			29.90	AA		29.90
22	0219	12	SCT008 OVC014	10.00		79	26.0	76	24.5	75	24.0	88	11	190		29.81			M	SP		29.90

22	0239	12	SCT008 OVC014	10.00	VCTS	79	26.0	76	24.5	75	24.0	88	14	190		29.80			M	SP		29.89
22	0251	12	BKN008 OVC014	10.00	VCTS	79	26.0	76	24.5	75	24.0	88	11	200	17	29.80			M	SP		29.89
22	0253	12	BKN008 OVC014	10.00	VCTS	78	25.6	76	24.3	75	23.9	91	9	200	17	29.80			29.89	AA	T	29.89
22	0305	12	BKN010 OVC016	10.00	VCTS	77	25.0	74	23.4	73	23.0	88	11	290		29.80			M	SP		29.89
22	0312	12	SCT007 BKN012 OVC024	10.00	-RA	75	24.0	73	22.7	72	22.0	90	9	300	17	29.80			M	SP		29.89
22	0319	12	SCT009 SCT014 OVC022	10.00	-RA	73	23.0	71	21.6	70	21.0	90	6	320		29.81			M	SP		29.90
22	0326	12	FEW009 BKN022 OVC038	9.00	VCTS -RA	73	23.0	71	21.6	70	21.0	90	9	340		29.81			M	SP		29.90
22	0340	12	OVC024	10.00	VCTS -RA	73	23.0	71	21.6	70	21.0	90	10	330		29.81			M	SP		29.90
22	0353	12	OVC026	10.00	-TSRA	73	22.8	70	21.3	69	20.6	87	6	320		29.81	5	000	29.90	AA	0.07s	29.90
22	0414	12	SCT011 BKN028 OVC060	1.00	+RA BR	72	22.0	71	21.4	70	21.0	93	0	000		29.82			M	SP		29.91
22	0416	12	SCT011 BKN030 OVC080	0.75	+RA BR	72	22.0	71	21.4	70	21.0	93	0	000		29.82			M	SP		29.91
22	0421	12	BKN011 BKN030 OVC080	1.00	+TSRA BR	72	22.0	71	21.4	70	21.0	93	0	000		29.82			M	SP		29.91
22	0426	12	BKN015 BKN030 OVC060	0.75	+TSRA BR	72	22.0	71	21.4	70	21.0	93	0	000		29.82			M	SP		29.91
22	0434	12	BKN020 BKN065 OVC090	3.00	-TSRA BR	72	22.0	71	21.4	70	21.0	93	3	140		29.82			M	SP		29.91
22	0449	12	BKN032 BKN070 BKN090	8.00	-RA	72	22.0	71	21.4	70	21.0	93	0	000		29.82			M	SP		29.91
22	0453	12	FEW038 BKN050 BKN090	8.00	-RA	72	22.2	71	21.4	70	21.1	93	0	000		29.82			29.91	AA	0.44	29.91
22	0553	12	FEW014 SCT110	10.00		74	23.3	72	22.2	71	21.7	90	7	200		29.82			29.91	AA	T	29.91
22	0615	12	BKN012	10.00		73	23.0	72	22.4	72	22.0	97	6	230		29.83			M	SP		29.92
22	0636	12	SCT010 BKN038 BKN090	5.00	RA BR	73	23.0	72	22.4	72	22.0	97	3	180		29.83			M	SP		29.92
22	0647	12	FEW008 BKN027	1.75	+RA BR	75	24.0	73	22.7	72	22.0	90	3	210		29.83			M	SP		29.92
22	0653	12	BKN023 BKN090	1.50	+RA BR	74	23.3	72	22.2	71	21.7	90	0	000		29.82	0	003	29.91	AA	0.09	29.91
22	0658	12	BKN026 BKN100	4.00	-RA BR	75	24.0	73	22.7	72	22.0	90	0	000		29.82			M	SP		29.91
22	0707	12	SCT024	10.00		75	24.0	73	22.7	72	22.0	90	3	VR		29.82			M	SP		29.91
22	0750	12	FEW009	10.00		79	26.0	75	23.8	73	23.0	82	5	160		29.81			M	SP		29.90
22	0753	12	FEW009	10.00		78	25.6	75	23.6	73	22.8	85	0	000		29.81			29.90	AA	T	29.90
22	0851	12	BKN017	10.00		81	27.0	75	24.1	73	23.0	77	5	VR		29.82			M	SP		29.91
22	0853	12	BKN017	10.00		80	26.7	75	23.9	73	22.8	79	3	130		29.82			29.91	AA		29.91
22	0953	12	BKN018 BKN023 OVC029	10.00		80	26.7	75	23.9	73	22.8	79	10	150		29.82	3	003	29.91	AA		29.91
22	1053	12	BKN016 BKN022	10.00		81	27.2	76	24.5	74	23.3	79	10	140		29.80			29.89	AA		29.89
22	1100	12	BKN014 BKN020	10.00		81	27.0	77	24.8	75	24.0	82	10	150		29.80			M	SP		29.89
22	1118	12	SCT012	10.00		82	28.0	76	24.3	73	23.0	74	16	150		29.79			M	SP		29.88
22	1131	12	BKN014	10.00		82	28.0	77	25.0	75	24.0	79	13	150		29.78			M	SP		29.87
22	1153	12	OVC013	10.00		81	27.2	77	24.8	75	23.9	82	15	140		29.76			29.85	AA		29.85
22	1253	12	BKN011 OVC017	10.00		80	26.7	77	24.7	75	23.9	85	16	150		29.75	6	025	29.84	AA		29.84
22	1353	12	SCT015 BKN024	10.00		82	27.8	76	24.3	73	22.8	74	9	140		29.73			29.82	AA		29.82
22	1453	12	BKN019 BKN028	10.00		82	27.8	76	24.3	73	22.8	74	10	140		29.70			29.78	AA		29.79
22	1514	12	SCT019	10.00		81	27.0	75	23.7	72	22.0	74	8	140		29.69			M	SP		29.78
22	1553	12	CLR	10.00		81	27.2	74	23.0	70	21.1	69	9	120		29.69	6	022	29.77	AA		29.78
22	1653	12	CLR	10.00		81	27.2	72	22.3	68	20.0	65	7	110		29.68			29.77	AA		29.77
22	1753	12	CLR	10.00		79	26.1	73	22.7	70	21.1	74	6	140		29.68			29.77	AA		29.77
22	1853	12	CLR	10.00		78	25.6	73	22.5	70	21.1	77	0	000		29.68	5	001	29.77	AA		29.77
22	1953	12	CLR	10.00		77	25.0	71	21.7	68	20.0	74	3	010		29.68			29.77	AA		29.77
22	2053	12	CLR	10.00		76	24.4	71	21.8	69	20.6	79	7	010		29.69			29.77	AA		29.78
22	2153	12	CLR	10.00		73	22.8	71	21.6	70	21.1	90	3	040		29.67	8	004	29.76	AA		29.76
22	2253	12	CLR	10.00		73	22.8	71	21.6	70	21.1	90	5	350		29.66			29.74	AA		29.75
22	2353	12	CLR	10.00		74	23.3	71	21.5	69	20.6	84	3	350		29.64			29.73	AA		29.73
23	0053	12	CLR	10.00		73	22.8	70	21.3	69	20.6	87	5	350		29.64	6	011	29.72	AA		29.73
23	0153	12	CLR	10.00		73	22.8	70	21.3	69	20.6	87	6	340		29.63			29.71	AA		29.72
23	0253	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	5	320		29.63			29.72	AA		29.72
23	0353	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	3	310		29.65	3	003	29.73	AA		29.74
23	0453	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	0	000		29.67			29.75	AA		29.76
23	0553	12	CLR	10.00		73	22.8	70	21.3	69	20.6	87	3	330		29.69			29.78	AA		29.78
23	0653	12	FEW085	10.00		73	22.8	70	21.3	69	20.6	87	0	000		29.72	3	025	29.81	AA		29.81
23	0753	12	FEW090	10.00		75	23.9	71	21.6	69	20.6	82	3	320		29.74			29.82	AA		29.83
23	0853	12	BKN100	10.00		76	24.4	72	22.2	70	21.1	82	0	000		29.75			29.83	AA		29.84
23	0953	12	FEW090	10.00		80	26.7	73	22.5	69	20.6	69	0	000		29.76	1	012	29.84	AA		29.85
23	1051	12	BKN025 BKN031	10.00		81	27.0	74	23.0	70	21.0	69	5	170		29.75			M	SP		29.84
23	1053	12	BKN025 BKN031	10.00		80	26.7	73	22.9	70	21.1	72	0	000		29.75			29.84	AA		29.84
23	1102	12	SCT025 SCT033	10.00		81	27.0	74	23.0	70	21.0	69	0	000		29.75			M	SP		29.84

23	1153	12	FEW025 SCT070	10.00		82	27.8	74	23.2	70	21.1	67	10	190		29.77			29.85	AA		29.86
23	1253	12	SCT030 SCT100	10.00		82	27.8	72	22.2	67	19.4	61	8	230	17	29.77	3	007	29.86	AA		29.86
23	1353	12	CLR	10.00		82	27.8	73	22.9	69	20.6	65	9	200		29.77			29.86	AA		29.86
23	1453	12	CLR	10.00		81	27.2	73	22.7	69	20.6	67	10	200		29.77			29.86	AA		29.86
23	1553	12	CLR	10.00		80	26.7	74	23.2	71	21.7	74	11	180		29.77	6	001	29.86	AA		29.86
23	1653	12	FEW019	10.00		79	26.1	73	22.7	70	21.1	74	11	190		29.79			29.88	AA		29.88
23	1724	12	SCT016 BKN022	10.00		79	26.0	74	23.4	72	22.0	79	11	190		29.78			M	SP		29.87
23	1727	12	SCT016 BKN022	10.00		79	26.0	74	23.4	72	22.0	79	14	200		29.78			M	SP		29.87
23	1745	12	BKN012 BKN022	10.00		79	26.0	74	23.4	72	22.0	79	14	200		29.78			M	SP		29.87
23	1753	12	BKN012 BKN022	10.00		78	25.6	74	23.2	72	22.2	82	9	220		29.79			29.87	AA		29.88
23	1800	12	BKN015 BKN020	10.00		79	26.0	74	23.4	72	22.0	79	9	230		29.79			M	SP		29.88
23	1833	12	SCT015	10.00		79	26.0	74	23.4	72	22.0	79	8	230		29.79			M	SP		29.88
23	1849	12	BKN013 BKN120	10.00		79	26.0	74	23.4	72	22.0	79	7	240		29.81			M	SP		29.90
23	1853	12	BKN013 BKN036 BKN120	10.00		78	25.6	74	23.2	72	22.2	82	7	230		29.81	3	012	29.89	AA		29.90
23	1903	12	BKN016 BKN038 OVC048	10.00		79	26.0	74	23.4	72	22.0	79	7	210		29.81			M	SP		29.90
23	1916	12	FEW016 BKN038 OVC050	10.00		79	26.0	74	23.4	72	22.0	79	6	220		29.81			M	SP		29.90
23	1953	12	FEW014 BKN055	10.00		76	24.4	70	20.8	66	18.9	71	3	040		29.82			29.91	AA		29.91
23	2053	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	0	000		29.84			29.92	AA		29.93
23	2153	12	CLR	10.00		75	23.9	70	21.0	67	19.4	76	3	350		29.84	1	010	29.92	AA		29.93
23	2253	12	FEW120	10.00		74	23.3	69	20.8	67	19.4	79	0	000		29.85			29.94	AA		29.94
23	2353	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	3	330		29.85			29.94	AA		29.94
24	0053	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	3	330		29.85	0	003	29.93	AA		29.94
24	0153	12	CLR	10.00		73	22.8	70	20.9	68	20.0	84	0	000		29.85			29.94	AA		29.94
24	0253	12	CLR	10.00		71	21.7	69	20.5	68	20.0	90	3	330		29.86			29.95	AA		29.95
24	0353	12	CLR	10.00		71	21.7	68	19.8	66	18.9	84	6	340		29.87	3	009	29.96	AA		29.96
24	0453	12	CLR	10.00		70	21.1	67	19.7	66	18.9	87	5	330		29.89			29.97	AA		29.98
24	0553	12	CLR	10.00		71	21.7	67	19.5	65	18.3	81	8	340		29.91			30.00	AA		30.00
24	0653	12	CLR	10.00		72	22.2	68	19.7	65	18.3	79	9	330		29.92	1	015	30.00	AA		30.01
24	0753	12	CLR	10.00		74	23.3	68	20.1	65	18.3	74	9	360		29.93			30.02	AA		30.02
24	0853	12	CLR	10.00		78	25.6	70	20.8	65	18.3	64	7	350		29.94			30.03	AA		30.03
24	0953	12	CLR	10.00		78	25.6	69	20.5	64	17.8	62	9	330		29.95	1	012	30.04	AA		30.04
24	1053	12	CLR	10.00		79	26.1	69	20.7	64	17.8	60	8	360		29.96			30.05	AA		30.05
24	1153	12	CLR	10.00		80	26.7	70	21.2	65	18.3	60	8	330		29.95			30.03	AA		30.04
24	1253	12	CLR	10.00		82	27.8	71	21.6	65	18.3	56	8	350		29.95	8	002	30.03	AA		30.04
24	1353	12	CLR	10.00		84	28.9	70	21.0	62	16.7	48	6	VR		29.94			30.03	AA		30.03
24	1453	12	CLR	10.00		83	28.3	69	20.5	61	16.1	48	8	300		29.95			30.03	AA		30.04
24	1553	12	CLR	10.00		83	28.3	68	20.2	60	15.6	46	10	350	16	29.95	3	001	30.03	AA		30.04
24	1653	12	CLR	10.00		83	28.3	68	20.2	60	15.6	46	8	360		29.95			30.04	AA		30.04
24	1753	12	CLR	10.00		81	27.2	68	19.8	60	15.6	49	5	360		29.95			30.04	AA		30.04
24	1853	12	CLR	10.00		79	26.1	67	19.5	60	15.6	52	0	000		29.96	3	004	30.05	AA		30.05
24	1953	12	CLR	10.00		75	23.9	67	19.3	62	16.7	64	0	000		29.96			30.05	AA		30.05
24	2053	12	CLR	10.00		75	23.9	67	19.6	63	17.2	66	0	000		29.98			30.07	AA		30.07
24	2153	12	CLR	10.00		73	22.8	67	19.3	63	17.2	71	0	000		29.99	2	008	30.07	AA		30.08
24	2253	12	CLR	10.00		71	21.7	67	19.2	64	17.8	79	0	000		30.00			30.09	AA		30.09
24	2353	12	CLR	10.00		73	22.8	66	18.9	62	16.7	69	5	350		30.00			30.09	AA		30.09
25	0053	12	CLR	10.00		70	21.1	66	18.7	63	17.2	79	0	000		30.00	0	005	30.09	AA		30.09
25	0153	12	CLR	10.00		70	21.1	66	19.0	64	17.8	81	7	010		30.00			30.09	AA		30.09
25	0253	12	CLR	10.00		69	20.6	66	18.8	64	17.8	84	6	020		30.00			30.09	AA		30.09
25	0353	12	CLR	10.00		69	20.6	66	18.8	64	17.8	84	6	020		30.01	3	005	30.10	AA		30.10
25	0453	12	CLR	10.00		68	20.0	66	18.6	64	17.8	87	5	030		30.03			30.11	AA		30.12
25	0553	12	CLR	10.00		68	20.0	66	18.6	64	17.8	87	3	020		30.04			30.13	AA		30.13
25	0653	12	CLR	10.00		72	22.2	67	19.4	64	17.8	76	6	020		30.05	1	011	30.14	AA		30.14
25	0753	12	CLR	10.00		75	23.9	69	20.3	65	18.3	71	5	020		30.05			30.14	AA		30.14
25	0853	12	CLR	10.00		78	25.6	70	20.8	65	18.3	64	0	000		30.05			30.14	AA		30.14
25	0953	12	CLR	10.00		80	26.7	71	21.5	66	18.9	62	5	010		30.05	0	001	30.14	AA		30.14
25	1053	12	FEW060	10.00		79	26.1	69	20.4	63	17.2	58	0	000		30.04			30.13	AA		30.13
25	1153	12	BKN045 BKN060	10.00		81	27.2	69	20.8	63	17.2	54	6	250		30.02			30.11	AA		30.11
25	1253	12	FEW055	10.00		82	27.8	70	21.2	64	17.8	55	13	180	18	30.01	8	014	30.10	AA		30.10
25	1353	12	FEW065	10.00		82	27.8	69	20.6	62	16.7	51	9	220		30.00			30.09	AA		30.09

25	1453	12	CLR	10.00		82	27.8	69	20.6	62	16.7	51	13	210		29.98			30.07	AA		30.07
25	1553	12	CLR	10.00		80	26.7	68	20.0	61	16.1	52	10	210		29.98	6	010	30.07	AA		30.07
25	1653	12	CLR	10.00		79	26.1	68	19.8	61	16.1	54	8	220		29.98			30.06	AA		30.07
25	1753	12	CLR	10.00		78	25.6	68	19.9	62	16.7	58	13	220		29.97			30.06	AA		30.06
25	1853	12	CLR	10.00		76	24.4	68	20.1	64	17.8	67	9	220		29.97	5	002	30.06	AA		30.06
25	1953	12	CLR	10.00		75	23.9	69	20.3	65	18.3	71	8	220		29.98			30.06	AA		30.07
25	2053	12	CLR	10.00		75	23.9	69	20.6	66	18.9	74	8	230		29.97			30.06	AA		30.06
25	2153	12	CLR	10.00		74	23.3	69	20.8	67	19.4	79	5	230		29.97	8	000	30.06	AA		30.06
25	2253	12	CLR	10.00		74	23.3	70	21.1	68	20.0	82	5	230		29.96			30.05	AA		30.05
25	2353	12	CLR	10.00		73	22.8	70	21.3	69	20.6	87	3	270		29.96			30.04	AA		30.05
26	0053	12	CLR	10.00		72	22.2	69	20.7	68	20.0	87	3	250		29.95	6	006	30.04	AA		30.04
26	0153	12	CLR	10.00		71	21.7	68	20.2	67	19.4	87	3	250		29.95			30.03	AA		30.04
26	0253	12	CLR	10.00		71	21.7	68	19.8	66	18.9	84	5	240		29.94			30.03	AA		30.03
26	0353	12	CLR	10.00		70	21.1	67	19.3	65	18.3	84	5	260		29.94	6	005	30.02	AA		30.03
26	0453	12	BKN060	10.00		71	21.7	67	19.5	65	18.3	81	5	240		29.93			30.02	AA		30.02
26	0553	12	CLR	10.00		71	21.7	67	19.5	65	18.3	81	5	240		29.93			30.02	AA		30.02
26	0653	12	FEW055	10.00		74	23.3	69	20.4	66	18.9	76	7	250		29.94	5	001	30.02	AA		30.03
26	0753	12	CLR	10.00		76	24.4	69	20.5	65	18.3	69	11	250		29.93			30.02	AA		30.02
26	0853	12	CLR	10.00		79	26.1	70	21.0	65	18.3	62	10	250		29.92			30.01	AA		30.01
26	0953	12	CLR	10.00		82	27.8	70	20.9	63	17.2	53	10	260		29.91	8	010	29.99	AA		30.00
26	1053	12	CLR	10.00		83	28.3	69	20.5	61	16.1	48	14	260	21	29.88			29.97	AA		29.97
26	1153	12	FEW050	10.00		85	29.4	70	21.1	62	16.7	46	11	270	22	29.86			29.94	AA		29.95
26	1253	12	CLR	10.00		86	30.0	69	20.7	60	15.6	42	10	280	26	29.84	6	023	29.93	AA		29.93
26	1353	12	CLR	10.00		87	30.6	69	20.6	59	15.0	39	17	260	24	29.83			29.92	AA		29.92
26	1453	12	CLR	10.00		86	30.0	68	20.2	58	14.4	39	15	260	24	29.82			29.91	AA		29.91
26	1553	12	CLR	10.00		85	29.4	69	20.6	60	15.6	43	10	300	16	29.82	5	005	29.91	AA		29.91
26	1653	12	CLR	10.00		85	29.4	69	20.6	60	15.6	43	11	280	21	29.83			29.92	AA		29.92
26	1753	12	CLR	10.00		83	28.3	69	20.5	61	16.1	48	9	270		29.84			29.93	AA		29.93
26	1853	12	CLR	10.00		82	27.8	69	20.3	61	16.1	49	9	290		29.85	2	008	29.93	AA		29.94
26	1953	12	FEW070	10.00		82	27.8	69	20.3	61	16.1	49	6	290		29.86			29.95	AA		29.95
26	2053	12	SCT055 BKN070	10.00	-RA	78	25.6	69	20.5	64	17.8	62	13	340	21	29.90			29.99	AA	T	29.99
26	2153	12	FEW047 BKN065	10.00	-RA	74	23.3	69	20.4	66	18.9	76	5	330		29.91	1	021	30.00	AA	T	30.00
26	2253	12	CLR	10.00		73	22.8	68	19.9	65	18.3	76	8	280		29.91			30.00	AA	T	30.00
26	2353	12	OVC070	10.00		73	22.8	68	19.9	65	18.3	76	9	340		29.92			30.00	AA		30.01
27	0053	12	FEW085 SCT110	10.00		73	22.8	68	19.9	65	18.3	76	8	340		29.92	3	003	30.01	AA		30.01
27	0153	12	FEW095 BKN120	10.00		72	22.2	65	18.1	60	15.6	66	11	010		29.93			30.01	AA		30.02
27	0253	12	FEW070	10.00		70	21.1	63	17.4	59	15.0	68	9	020		29.94			30.02	AA		30.03
27	0353	12	OVC085	10.00		70	21.1	62	16.8	57	13.9	64	8	020		29.94	1	007	30.03	AA		30.03
27	0453	12	OVC065	10.00		69	20.6	61	16.3	56	13.3	63	10	360		29.96			30.05	AA		30.05
27	0553	12	BKN070 OVC085	10.00		68	20.0	62	16.7	58	14.4	71	8	030		29.98			30.07	AA		30.07
27	0653	12	SCT065 BKN110	10.00		68	20.0	62	16.7	58	14.4	71	11	030		29.99	1	017	30.08	AA		30.08
27	0753	12	FEW060 OVC080	10.00		67	19.4	61	16.1	57	13.9	70	8	040		30.01			30.09	AA		30.10
27	0853	12	FEW075 BKN095	10.00		68	20.0	60	15.8	55	12.8	63	7	040		30.01			30.09	AA	T	30.10
27	0953	12	FEW055 BKN095	10.00		69	20.6	60	15.4	53	11.7	57	6	060		30.03	3	012	30.11	AA		30.12
27	1053	12	BKN080	10.00		72	22.2	60	15.3	50	10.0	46	5	VR		30.02			30.11	AA		30.11
27	1153	12	SCT080	10.00		74	23.3	61	16.0	51	10.6	45	7	VR		30.00			30.09	AA		30.09
27	1253	12	CLR	10.00		75	23.9	61	15.9	50	10.0	42	0	000		30.00	6	009	30.09	AA		30.09
27	1353	12	CLR	10.00		75	23.9	62	16.7	53	11.7	46	3	VR		30.00			30.08	AA		30.09
27	1453	12	FEW050	10.00		75	23.9	64	17.8	57	13.9	54	9	170		29.99			30.07	AA		30.08
27	1553	12	CLR	10.00		73	22.8	64	17.7	58	14.4	59	9	160		29.99	6	004	30.07	AA		30.08
27	1653	12	CLR	10.00		73	22.8	63	17.4	57	13.9	57	9	230		30.00			30.08	AA		30.09
27	1753	12	CLR	10.00		72	22.2	64	17.5	58	14.4	62	6	210		30.01			30.09	AA		30.10
27	1853	12	CLR	10.00		70	21.1	63	17.1	58	14.4	66	6	220		30.01	1	006	30.09	AA		30.10
27	1953	12	CLR	10.00		69	20.6	63	17.2	59	15.0	71	3	130		30.02			30.11	AA		30.11
27	2053	12	BKN065 BKN080	10.00		70	21.1	64	17.7	60	15.6	71	5	180		30.04			30.13	AA		30.13
27	2153	12	OVC065	10.00		71	21.7	64	17.6	59	15.0	66	3	150		30.04	1	012	30.13	AA		30.13
27	2253	12	OVC065	10.00		72	22.2	64	17.8	59	15.0	64	0	000		30.04			30.13	AA		30.13
27	2353	12	FEW065 BKN095	10.00		70	21.1	64	17.7	60	15.6	71	0	000		30.03			30.12	AA		30.12
28	0053	12	OVC070	10.00		70	21.1	65	18.0	61	16.1	73	0	000		30.03	8	006	30.11	AA		30.12

28	0153	12	FEW070 BKN085 OVC110	10.00		69	20.6	64	17.8	61	16.1	76	0	000		30.03			30.11	AA		30.12
28	0253	12	SCT090 OVC110	10.00		68	20.0	63	17.3	60	15.6	76	3	070		30.02			30.11	AA		30.11
28	0353	12	SCT070 BKN100	10.00		68	20.0	63	17.3	60	15.6	76	5	060		30.02	8	002	30.11	AA		30.11
28	0453	12	FEW045 BKN070 OVC100	10.00	-RA	67	19.4	63	17.4	61	16.1	81	0	000		30.03			30.12	AA	T	30.12
28	0535	12	BKN027 BKN038 OVC060	6.00	RA	66	19.0	63	17.2	61	16.0	84	5	050		30.04			M	SP		30.13
28	0551	12	SCT027 OVC036	10.00	-RA	66	19.0	64	17.8	63	17.0	90	0	000		30.05			M	SP		30.14
28	0553	12	SCT027 OVC036	10.00	-RA	66	18.9	64	17.5	62	16.7	87	0	000		30.05			30.14	AA	0.05	30.14
28	0653	12	OVC034	10.00		67	19.4	64	17.7	62	16.7	84	3	110		30.06	1	014	30.15	AA	T	30.15
28	0753	12	BKN034 OVC048	10.00		66	18.9	63	17.2	61	16.1	84	3	100		30.05			30.14	AA	0.01	30.14
28	0853	12	SCT036 OVC044	10.00	-RA	67	19.4	63	17.4	61	16.1	81	0	000		30.06			30.15	AA	0.01	30.15
28	0908	12	BKN023 OVC040	4.00	RA	66	19.0	63	17.2	61	16.0	84	0	000		30.06			M	SP		30.15
28	0919	12	SCT023 OVC042	8.00	-RA	66	19.0	63	17.2	61	16.0	84	0	000		30.06			M	SP		30.15
28	0953	12	BKN020 OVC040	6.00	-RA BR	66	18.9	64	17.5	62	16.7	87	3	130		30.07	3	003	30.16	AA	0.07	30.16
28	1001	12	SCT020 OVC038	8.00	-RA	66	19.0	64	17.8	63	17.0	90	5	140		30.07			M	SP		30.16
28	1046	12	BKN025 BKN035 OVC043	5.00	-RA	64	18.0	62	16.7	61	16.0	90	9	130		30.07			M	SP		30.16
28	1053	12	BKN025 BKN034 OVC042	5.00	-RA BR	64	17.8	62	16.4	60	15.6	87	8	120		30.06			30.15	AA	0.04	30.15
28	1114	12	SCT023 SCT030	10.00		66	19.0	63	17.2	61	16.0	84	6	070		30.06			M	SP		30.15
28	1153	12	OVC032	10.00		65	18.3	62	16.6	60	15.6	84	5	070		30.05			30.14	AA	T	30.14
28	1219	12	FEW017 BKN028 OVC039	2.00	+RA	64	18.0	61	16.1	59	15.0	84	7	040		30.05			M	SP		30.14
28	1221	12	FEW017 BKN032 OVC039	3.00	-RA	64	18.0	61	16.1	59	15.0	84	7	030		30.05			M	SP		30.14
28	1231	12	FEW019 BKN024 OVC038	3.00	RA	64	18.0	61	16.1	59	15.0	84	8	030		30.05			M	SP		30.14
28	1253	12	SCT023 BKN027 OVC044	3.00	-RA BR	63	17.2	61	16.2	60	15.6	90	8	340		30.05	6	005	30.14	AA	0.19	30.14
28	1301	12	FEW023 SCT035 OVC046	7.00	-RA	64	18.0	62	16.7	61	16.0	90	13	030		30.04			M	SP		30.13
28	1353	12	BKN033 OVC041	10.00		64	17.8	62	16.7	61	16.1	90	9	040		30.03			30.11	AA	0.04	30.12
28	1451	12	BKN029 OVC036	10.00		64	18.0	62	16.7	61	16.0	90	8	070		30.00			M	SP		30.09
28	1453	12	SCT027 OVC033	10.00		65	18.3	63	17.3	62	16.7	90	7	070		30.00			30.08	AA		30.09
28	1513	12	BKN027 OVC033	10.00		66	19.0	64	17.8	63	17.0	90	8	080		29.99			M	SP		30.08
28	1553	12	OVC023	10.00		67	19.4	64	17.7	62	16.7	84	8	070		29.98	6	026	30.06	AA		30.07
28	1653	12	OVC023	7.00	-RA	68	20.0	64	17.9	62	16.7	81	7	080		29.98			30.07	AA	0.03	30.07
28	1753	12	OVC021	10.00	-RA	67	19.4	65	18.0	63	17.2	87	5	080		29.96			30.05	AA	0.04	30.05
28	1853	12	OVC019	10.00		67	19.4	64	17.7	62	16.7	84	7	070		29.96	8	007	30.04	AA	T	30.05
28	1936	12	OVC013	10.00		66	19.0	64	17.8	63	17.0	90	3	060		29.96			M	SP		30.05
28	1953	12	BKN011 OVC015	10.00		67	19.4	65	18.0	63	17.2	87	0	000		29.97			30.05	AA	T	30.06
28	2053	12	SCT013 BKN019 OVC033	8.00	-RA	68	20.0	66	18.9	65	18.3	90	3	060		29.96			30.04	AA	0.02	30.05
28	2114	12	SCT008 BKN012 OVC031	8.00	-RA	68	20.0	67	19.3	66	19.0	93	0	000		29.94			M	SP		30.03
28	2151	12	FEW006 BKN026 OVC047	7.00	-RA	72	22.0	71	21.4	70	21.0	93	14	160		29.93			M	SP		30.02
28	2153	12	SCT010 BKN026 OVC047	7.00	-RA	71	21.7	70	20.9	69	20.6	93	14	160		29.93	6	013	30.01	AA	0.03	30.02
28	2200	12	FEW006 BKN030 OVC047	7.00	-RA	72	22.0	71	21.4	70	21.0	93	13	160		29.93			M	SP		30.02
28	2211	12	SCT008 BKN013 OVC047	6.00	-RA BR	72	22.0	71	21.4	70	21.0	93	14	170		29.92			M	SP		30.01
28	2219	12	BKN008 BKN029 OVC060	8.00	-RA	72	22.0	71	21.4	70	21.0	93	14	160		29.91			M	SP		30.00
28	2253	12	BKN006 BKN095	10.00	-RA	71	21.7	70	20.9	69	20.6	93	10	170		29.91			29.99	AA	0.01	30.00
28	2304	12	SCT006 SCT100	10.00	-RA	72	22.0	69	20.7	68	20.0	87	11	170		29.90			M	SP		29.99
28	2336	12	BKN007	10.00	-RA	72	22.0	71	21.4	70	21.0	93	8	160		29.88			M	SP		29.97
28	2353	12	BKN007 OVC013	10.00		72	22.2	70	21.1	69	20.6	90	10	160		29.88			29.96	AA	T	29.97
29	0019	12	FEW009 BKN015	10.00		72	22.0	71	21.4	70	21.0	93	13	170		29.87			M	SP		29.96
29	0027	12	FEW009 SCT013 BKN110	10.00		72	22.0	71	21.4	70	21.0	93	9	170		29.87			M	SP		29.96
29	0053	12	FEW009 SCT080 SCT120	10.00		71	21.7	70	20.9	69	20.6	93	8	170		29.86	6	022	29.95	AA	T	29.95
29	0153	12	SCT006 SCT120	10.00		71	21.7	70	20.9	69	20.6	93	6	150		29.84			29.93	AA	T	29.93
29	0253	12	BKN035 OVC049	10.00		71	21.7	70	20.9	69	20.6	93	8	140		29.82			29.91	AA		29.91
29	0353	12	FEW046	10.00	-RA	71	21.7	69	20.5	68	20.0	90	7	130		29.81	6	020	29.89	AA	T	29.90
29	0421	12	BKN013 BKN029 OVC065	10.00	-RA	72	22.0	71	21.4	70	21.0	93	5	130		29.80			M	SP		29.89
29	0453	12	OVC011	10.00		71	21.7	70	20.9	69	20.6	93	7	120		29.79			29.88	AA	0.01	29.88
29	0510	12	OVC009	10.00		72	22.0	71	21.4	70	21.0	93	8	130		29.79			M	SP		29.88
29	0553	12	OVC009	10.00	-RA	71	21.7	70	20.9	69	20.6	93	9	110		29.78			29.87	AA	0.01	29.87
29	0653	12	BKN007 OVC012	9.00	-RA	71	21.7	70	20.9	69	20.6	93	7	110		29.77	6	013	29.85	AA	0.03	29.86
29	0753	12	BKN007 BKN015 OVC020	8.00	-RA	71	21.7	70	20.9	69	20.6	93	7	100		29.74			29.83	AA	0.01	29.83
29	0840	12	SCT007 BKN012 OVC021	9.00	-RA	72	22.0	69	20.7	68	20.0	87	10	100		29.72			M	SP		29.81
29	0851	12	BKN007 BKN014 OVC021	8.00	-RA	72	22.0	71	21.4	70	21.0	93	8	100		29.71			M	SP		29.80
29	0853	12	BKN007 BKN014 OVC021	8.00	-RA	71	21.7	70	20.9	69	20.6	93	9	090		29.71			29.80	AA	0.01	29.80

29	0953	12	OVC005	6.00	-RA BR	71	21.7	70	20.9	69	20.6	93	6	060		29.69	6	026	29.78	AA	0.02	29.78
29	1053	12	BKN005 OVC008	10.00	-RA	68	20.0	67	19.2	66	18.9	93	10	020		29.67			29.75	AA	0.01	29.76
29	1150	12	OVC003	4.00	BR	66	19.0	65	18.2	64	18.0	93	14	020		29.64			M	SP		29.73
29	1153	12	OVC003	6.00	BR	67	19.4	66	18.7	65	18.3	93	14	020		29.64			29.73	AA	T	29.73
29	1203	12	OVC005	3.00	BR	66	19.0	65	18.2	64	18.0	93	14	020		29.64			M	SP		29.73
29	1253	12	OVC005	10.00		68	20.0	66	18.9	65	18.3	90	13	040		29.63	6	012	29.72	AA		29.72
29	1353	12	OVC005	10.00		68	20.0	66	18.6	64	17.8	87	10	030		29.64			29.72	AA		29.73
29	1453	12	OVC005	10.00		68	20.0	66	18.6	64	17.8	87	11	020		29.63			29.72	AA		29.72
29	1553	12	OVC007	10.00		68	20.0	66	18.6	64	17.8	87	8	020		29.63	1	000	29.72	AA		29.72
29	1653	12	OVC007	10.00		68	20.0	66	18.6	64	17.8	87	8	030		29.64			29.72	AA		29.73
29	1753	12	OVC007	10.00		67	19.4	65	18.0	63	17.2	87	6	050		29.65			29.73	AA		29.74
29	1853	12	OVC007	10.00		66	18.9	64	17.8	63	17.2	90	6	060		29.67	3	010	29.75	AA		29.76
29	1953	12	OVC007	10.00		66	18.9	64	17.5	62	16.7	87	6	080		29.70			29.78	AA		29.79
29	2053	12	OVC007	10.00		65	18.3	63	17.3	62	16.7	90	5	050		29.72			29.81	AA		29.81
29	2153	12	OVC007	10.00		65	18.3	63	17.3	62	16.7	90	5	100		29.72	0	018	29.80	AA		29.81
29	2253	12	OVC005	9.00		65	18.3	63	17.3	62	16.7	90	5	110		29.72			29.81	AA		29.81
29	2353	12	OVC005	6.00	-RA BR	65	18.3	63	17.3	62	16.7	90	6	090		29.73			29.81	AA	T	29.82
30	0030	12	OVC003	6.00	BR	64	18.0	63	17.4	63	17.0	97	0	000		29.72			M	SP		29.81
30	0053	12	OVC003	6.00	BR	65	18.3	64	17.6	63	17.2	93	3	310		29.75	3	010	29.84	AA	T	29.84
30	0153	12	OVC003	5.00	BR	65	18.3	64	17.6	63	17.2	93	6	040		29.73			29.82	AA	T	29.82
30	0253	12	OVC003	6.00	BR	66	18.9	65	18.2	64	17.8	93	6	020		29.73			29.82	AA		29.82
30	0353	12	OVC003	6.00	BR	65	18.3	64	17.6	63	17.2	93	9	030		29.74	5	004	29.83	AA		29.83
30	0453	12	OVC003	7.00		65	18.3	64	17.6	63	17.2	93	8	030		29.76			29.85	AA		29.85
30	0553	12	OVC003	4.00	BR	65	18.3	64	17.6	63	17.2	93	0	000		29.78			29.86	AA		29.87
30	0604	12	OVC003	1.00	BR	64	18.0	63	17.4	63	17.0	97	5	010		29.78			M	SP		29.87
30	0653	12	OVC003	1.00		66	18.9	65	18.2	64	17.8	93	0	000		29.79	1	019	29.88	AA		29.88
30	0704	12	OVC003	2.00		66	19.0	64	17.8	63	17.0	90	3	360		29.79			M	SP		29.88
30	0751	12	OVC005	2.00		66	19.0	65	18.2	64	18.0	93	5	020		29.79			M	SP		29.88
30	0753	12	OVC005	2.00		67	19.4	65	18.4	64	17.8	90	5	010		29.80			29.88	AA		29.89
30	0853	12	OVC007	2.00		69	20.6	66	19.1	65	18.3	87	0	000		29.81			29.90	AA		29.90
30	0951	12	BKN011	2.00		72	22.0	68	20.0	66	19.0	82	0	000		29.81			M	SP		29.90
30	0953	12	OVC011	2.00		72	22.2	68	20.0	66	18.9	82	3	340		29.81	0	006	29.90	AA		29.90
30	1004	12	OVC011	10.00		73	23.0	67	19.6	64	18.0	74	6	280		29.81			M	SP		29.90
30	1033	12	SCT015 BKN070	10.00		73	23.0	67	19.6	64	18.0	74	6	VR		29.80			M	SP		29.89
30	1053	12	FEW015 SCT110	10.00		75	23.9	69	20.3	65	18.3	71	3	VR		29.80			29.89	AA		29.89
30	1153	12	CLR	10.00		78	25.6	66	19.0	59	15.0	52	0	000		29.78			29.87	AA		29.87
30	1253	12	CLR	10.00		80	26.7	66	19.1	58	14.4	47	5	VR		29.77	7	013	29.86	AA		29.86
30	1353	12	CLR	10.00		79	26.1	69	20.4	63	17.2	58	14	200		29.78			29.86	AA		29.87
30	1453	12	CLR	10.00		80	26.7	69	20.3	62	16.7	54	16	220		29.78			29.86	AA		29.87
30	1553	12	CLR	10.00		78	25.6	69	20.5	64	17.8	62	13	200		29.78	1	002	29.86	AA		29.87
30	1653	12	CLR	10.00		76	24.4	68	20.1	64	17.8	67	11	220		29.79			29.88	AA		29.88
30	1753	12	CLR	10.00		75	23.9	69	20.3	65	18.3	71	10	220		29.80			29.89	AA		29.89
30	1853	12	CLR	10.00		74	23.3	69	20.4	66	18.9	76	6	240		29.83	3	017	29.91	AA		29.92
30	1953	12	CLR	10.00		74	23.3	62	16.5	53	11.7	48	7	290		29.86			29.95	AA		29.95
30	2053	12	CLR	10.00		72	22.2	61	15.8	52	11.1	50	5	290		29.88			29.97	AA		29.97
30	2153	12	CLR	10.00		70	21.1	60	15.6	53	11.7	55	3	300		29.88	1	019	29.97	AA		29.97
30	2253	12	CLR	10.00		67	19.4	59	14.7	52	11.1	59	5	290		29.90			29.98	AA		29.99
30	2353	12	CLR	10.00		68	20.0	59	14.9	52	11.1	57	6	320		29.91			30.00	AA		30.00
31	0053	12	CLR	10.00		66	18.9	58	14.5	52	11.1	61	6	320		29.92	3	012	30.01	AA		30.01
31	0153	12	CLR	10.00		65	18.3	58	14.3	52	11.1	63	7	330		29.93			30.02	AA		30.02
31	0253	12	BKN100	10.00		64	17.8	57	14.0	52	11.1	65	5	330		29.94			30.03	AA		30.03
31	0353	12	CLR	10.00		63	17.2	57	14.1	53	11.7	70	5	340		29.94	0	007	30.03	AA		30.03
31	0453	12	CLR	10.00		62	16.7	57	13.8	53	11.7	73	0	000		29.97			30.06	AA		30.06
31	0553	12	CLR	10.00		61	16.1	57	13.6	53	11.7	75	3	300		30.00			30.09	AA		30.09
31	0653	12	CLR	10.00		63	17.2	57	14.1	53	11.7	70	3	340		30.02	1	026	30.11	AA		30.11
31	0753	12	CLR	10.00		64	17.8	58	14.3	53	11.7	68	5	350		30.02			30.11	AA		30.11
31	0853	12	CLR	10.00		65	18.3	58	14.3	52	11.1	63	6	350		30.03			30.12	AA		30.12
31	0953	12	CLR	10.00		66	18.9	59	14.8	53	11.7	63	6	340		30.04	3	007	30.13	AA		30.13
31	1053	12	CLR	10.00		67	19.4	60	15.3	54	12.2	63	6	360		30.04			30.13	AA		30.13

31	1153	12	FEW032	10.00		69	20.6	59	15.2	52	11.1	55	3	VR		30.04			30.13	AA		30.13
31	1253	12	BKN038 BKN047	10.00		70	21.1	60	15.4	52	11.1	53	9	350	16	30.04	8	001	30.13	AA		30.13
31	1353	12	FEW047	10.00		70	21.1	60	15.4	52	11.1	53	9	010		30.03			30.11	AA		30.12
31	1453	12	SCT055	10.00		70	21.1	59	15.1	51	10.6	51	9	350		30.03			30.11	AA		30.12
31	1553	12	CLR	10.00		70	21.1	58	14.3	48	8.9	46	13	020	18	30.03	5	002	30.12	AA		30.12
31	1653	12	CLR	10.00		67	19.4	57	13.7	48	8.9	51	11	010		30.04			30.12	AA		30.13
31	1753	12	CLR	10.00		68	20.0	58	14.1	49	9.4	51	7	340		30.04			30.13	AA		30.13
31	1853	12	CLR	10.00		66	18.9	57	13.7	49	9.4	54	5	340		30.05	3	006	30.14	AA		30.14
31	1953	12	CLR	10.00		63	17.2	55	13.0	49	9.4	60	5	360		30.07			30.16	AA		30.16
31	2053	12	CLR	10.00		63	17.2	55	13.0	49	9.4	60	3	350		30.08			30.17	AA		30.17
31	2153	12	CLR	10.00		62	16.7	55	12.5	48	8.9	60	5	350		30.09	1	013	30.18	AA		30.18
31	2253	12	CLR	10.00		59	15.0	54	12.0	49	9.4	70	5	360		30.11			30.19	AA		30.20
31	2353	12	CLR	10.00		59	15.0	54	12.3	50	10.0	72	6	010		30.12			30.20	AA		30.21

Dynamically generated Tue Feb 08 11:51:25 EST 2011 via http://cdo.ncdc.noaa.gov/qclcd/QCLCD

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

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA (final) HOURLY OBSERVATIONS TABLE REPUBLIC AIRPORT (54787) FARMINGDALE , NY (11/2009)

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

Elevation: 75 ft. above sea level
Latitude: 40.734
Longitude: -73.417
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		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)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0053	12	OVC047	10.00		58	14.4	53	11.5	48	8.9	70	7	310		29.82	2	021	29.91	AA	0.01	29.91
01	0153	12	OVC049	10.00		57	13.9	52	11.2	48	8.9	72	6	290		29.85			29.94	AA	T	29.94
01	0253	12	FEW055 OVC100	10.00	-RA	56	13.3	51	10.7	47	8.3	72	5	280		29.86			29.95	AA	T	29.95
01	0353	12	BKN090 OVC120	10.00		56	13.3	51	10.4	46	7.8	69	5	300		29.90	3	027	29.99	AA	T	29.99
01	0453	12	BKN070 OVC095	10.00	-RA	55	12.8	50	9.9	45	7.2	69	6	320		29.94			30.03	AA	T	30.03
01	0553	12	SCT090 OVC110	10.00	-RA	53	11.7	48	8.7	42	5.6	66	9	330		29.97			30.06	AA	T	30.06
01	0610	12	BKN027 OVC110	10.00	-RA	52	11.0	48	8.6	43	6.0	72	6	320		30.00			M	SP		30.09
01	0637	12	OVC031	10.00	-RA	52	11.0	47	8.1	41	5.0	66	5	350		29.98			M	SP		30.07
01	0653	12	OVC033	10.00	-RA	51	10.6	46	7.9	41	5.0	69	9	340		29.98	1	025	30.06	AA	T	30.07
01	0753	12	FEW041	10.00		51	10.6	47	8.1	42	5.6	71	7	360		30.00			30.09	AA	T	30.09
01	0853	12	CLR	10.00		51	10.6	47	8.1	42	5.6	71	7	340		30.01			30.10	AA		30.10
01	0953	12	CLR	10.00		52	11.1	47	8.1	41	5.0	66	8	360		30.01	1	011	30.10	AA		30.10
01	1053	12	CLR	10.00		53	11.7	46	7.9	39	3.9	59	16	360	21	29.98			30.06	AA		30.07
01	1153	12	CLR	10.00		54	12.2	46	8.0	38	3.3	55	7	350		30.02			30.11	AA		30.11
01	1253	12	CLR	10.00		53	11.7	46	7.7	38	3.3	57	11	020		29.98	8	011	30.07	AA		30.07
01	1353	12	CLR	10.00		55	12.8	46	7.8	36	2.2	49	3	360		30.01			30.10	AA		30.10
01	1453	12	CLR	10.00		54	12.2	46	7.6	36	2.2	51	6	020		30.02			30.11	AA		30.11
01	1553	12	CLR	10.00		55	12.8	46	7.8	36	2.2	49	7	350		30.05	1	023	30.14	AA		30.14
01	1653	12	CLR	10.00		53	11.7	46	7.5	37	2.8	55	5	360		30.06			30.15	AA		30.15
01	1753	12	CLR	10.00		51	10.6	45	7.2	38	3.3	61	5	020		30.09			30.18	AA		30.18
01	1853	12	OVC120	10.00		52	11.1	45	7.2	37	2.8	57	7	020		30.09	1	017	30.18	AA		30.18
01	1953	12	OVC110	10.00		52	11.1	45	7.4	38	3.3	59	8	010		30.10			30.19	AA		30.19
01	2053	12	CLR	10.00		50	10.0	44	6.9	38	3.3	64	7	010		30.11			30.20	AA		30.20
01	2153	12	CLR	10.00		48	8.9	43	6.1	37	2.8	66	7	010		30.10	0	003	30.19	AA		30.19
01	2253	12	CLR	10.00		47	8.3	43	6.0	38	3.3	71	7	030		30.09			30.18	AA		30.18
01	2353	12	OVC080	10.00		48	8.9	43	6.3	38	3.3	68	7	020		30.08			30.17	AA		30.17
02	0053	12	OVC075	10.00		50	10.0	45	7.1	39	3.9	66	8	030		30.08	6	009	30.17	AA		30.17
02	0153	12	OVC075	10.00		51	10.6	45	7.4	39	3.9	64	10	040		30.08			30.16	AA		30.17
02	0253	12	OVC075	10.00		51	10.6	46	7.6	40	4.4	66	8	040		30.08			30.17	AA		30.17
02	0353	12	OVC070	10.00		50	10.0	45	7.1	39	3.9	66	10	030	18	30.10	3	007	30.19	AA		30.19
02	0453	12	OVC070	10.00		49	9.4	44	6.8	39	3.9	69	10	040		30.11			30.19	AA		30.20
02	0553	12	FEW095	10.00		48	8.9	45	7.0	41	5.0	77	9	030		30.11			30.20	AA		30.20
02	0653	12	BKN075 OVC100	10.00		48	8.9	44	6.8	40	4.4	74	10	040		30.13	3	010	30.22	AA		30.22
02	0753	12	OVC075	10.00		49	9.4	45	7.3	41	5.0	74	11	040		30.14			30.23	AA		30.23

02	0853	12	BKN100	10.00	-RA		49	9.4	45	7.3	41	5.0	74	13	040		30.14			30.23	AA	T	30.23
02	0953	12	SCT100	10.00			50	10.0	46	7.8	42	5.6	74	10	040		30.14	0	004	30.23	AA	T	30.23
02	1053	12	FEW023 BKN100	10.00			52	11.1	47	8.4	42	5.6	69	11	050	21	30.12			30.21	AA		30.21
02	1153	12	FEW025	10.00			52	11.1	47	8.4	42	5.6	69	16	050	22	30.10			30.19	AA	T	30.19
02	1253	12	FEW029 BKN095	10.00			53	11.7	47	8.2	40	4.4	62	15	040	20	30.08	8	019	30.17	AA	T	30.17
02	1353	12	FEW037 BKN095 BKN110	10.00			54	12.2	46	8.0	38	3.3	55	14	040	22	30.07			30.16	AA		30.16
02	1453	12	SCT060 BKN080 BKN100	10.00			53	11.7	46	7.5	37	2.8	55	10	080		30.08			30.16	AA		30.17
02	1553	12	SCT060 BKN075 OVC110	10.00			52	11.1	45	7.4	38	3.3	59	8	060		30.07	6	003	30.16	AA		30.16
02	1653	12	OVC060	10.00			52	11.1	45	7.4	38	3.3	59	6	040		30.07			30.16	AA		30.16
02	1753	12	SCT055	10.00			50	10.0	44	6.9	38	3.3	64	3	040		30.06			30.15	AA		30.15
02	1853	12	FEW035 OVC100	10.00			49	9.4	44	6.8	39	3.9	69	3	020		30.06	8	005	30.15	AA		30.15
02	1953	12	BKN035 OVC095	10.00			50	10.0	45	7.3	40	4.4	69	0	000		30.05			30.14	AA		30.14
02	2053	12	BKN034 OVC095	10.00			49	9.4	45	7.3	41	5.0	74	3	020		30.04			30.13	AA		30.13
02	2153	12	CLR	10.00			47	8.3	44	6.5	40	4.4	77	6	030		30.03	6	008	30.12	AA		30.12
02	2253	12	CLR	10.00			47	8.3	44	6.5	40	4.4	77	0	000		30.02			30.11	AA		30.11
02	2353	12	CLR	10.00			44	6.7	42	5.6	40	4.4	86	0	000		30.01			30.10	AA		30.10
03	0053	12	CLR	10.00			43	6.1	41	5.1	39	3.9	86	0	000		30.00	6	011	30.09	AA		30.09
03	0153	12	CLR	10.00			42	5.6	41	4.8	39	3.9	89	5	010		30.00			30.09	AA		30.09
03	0253	12	CLR	10.00			42	5.6	41	4.8	39	3.9	89	0	000		30.00			30.09	AA		30.09
03	0353	12	CLR	10.00			41	5.0	40	4.2	38	3.3	89	3	010		29.99	8	004	30.08	AA		30.08
03	0453	12	CLR	10.00			41	5.0	40	4.2	38	3.3	89	0	000		30.00			30.09	AA		30.09
03	0553	12	CLR	10.00			39	3.9	38	3.4	37	2.8	93	0	000		29.98			30.07	AA		30.07
03	0653	12	CLR	10.00			40	4.4	39	3.7	37	2.8	89	0	000		29.99	5	000	30.08	AA		30.08
03	0753	12	CLR	10.00			45	7.2	43	6.1	41	5.0	86	0	000		29.99			30.08	AA		30.08
03	0853	12	CLR	10.00			49	9.4	46	7.5	42	5.6	77	0	000		29.99			30.08	AA		30.08
03	0953	12	CLR	10.00			53	11.7	47	8.4	41	5.0	64	6	280		29.98	8	002	30.07	AA		30.07
03	1053	12	FEW028	10.00			55	12.8	49	9.4	43	6.1	64	8	250	17	29.97			30.06	AA		30.06
03	1117	12	BKN028	10.00			55	13.0	49	9.4	43	6.0	64	10	230		29.95			M	SP		30.04
03	1124	12	FEW028 SCT075	10.00			55	13.0	49	9.4	43	6.0	64	7	240	18	29.95			M	SP		30.04
03	1153	12	BKN075	10.00			56	13.3	49	9.5	42	5.6	60	11	250		29.93			30.02	AA		30.02
03	1253	12	CLR	10.00			57	13.9	50	9.7	42	5.6	57	14	230		29.91	8	025	30.00	AA		30.00
03	1353	12	CLR	10.00			58	14.4	50	10.2	43	6.1	58	10	250		29.89			29.98	AA		29.98
03	1453	12	CLR	10.00			59	15.0	51	10.2	42	5.6	54	10	260		29.89			29.98	AA		29.98
03	1553	12	FEW055	10.00			59	15.0	50	10.0	41	5.0	51	7	260		29.89	6	007	29.98	AA		29.98
03	1653	12	SCT060 SCT080	10.00			57	13.9	49	9.5	41	5.0	55	3	250		29.90			29.99	AA		29.99
03	1753	12	BKN065 OVC085	10.00			58	14.4	49	9.3	39	3.9	49	18	330	28	29.93			30.02	AA		30.02
03	1853	12	FEW070 SCT090	10.00			54	12.2	44	6.6	31	-0.6	42	10	320	20	29.97	3	028	30.06	AA		30.06
03	1953	12	SCT085	10.00			53	11.7	42	5.5	27	-2.8	37	8	320	16	30.00			30.09	AA		30.09
03	2053	12	CLR	10.00			51	10.6	40	4.5	24	-4.4	35	7	330		30.03			30.12	AA		30.12
03	2153	12	CLR	10.00			50	10.0	40	4.3	25	-3.9	38	6	310		30.05	1	026	30.14	AA		30.14
03	2253	12	CLR	10.00			49	9.4	40	4.2	26	-3.3	41	7	310		30.07			30.16	AA		30.16
03	2353	12	CLR	10.00			47	8.3	39	4.0	28	-2.2	48	5	310		30.09			30.18	AA		30.18
04	0053	12	CLR	10.00			46	7.8	39	3.8	29	-1.7	52	6	310		30.12	2	023	30.21	AA		30.21
04	0153	12	CLR	10.00			45	7.2	39	3.9	31	-0.6	58	9	320		30.14			30.23	AA		30.23
04	0253	12	CLR	10.00			44	6.7	39	3.6	31	-0.6	60	6	320		30.15			30.24	AA		30.24
04	0353	12	CLR	10.00			42	5.6	37	3.0	31	-0.6	65	3	300		30.18	3	020	30.27	AA		30.27
04	0453	12	CLR	10.00			40	4.4	36	2.4	31	-0.6	70	0	000		30.18			30.27	AA		30.27
04	0553	12	CLR	10.00			39	3.9	36	2.1	31	-0.6	73	0	000		30.20			30.29	AA		30.29
04	0653	12	CLR	10.00			40	4.4	36	2.4	31	-0.6	70	3	330		30.21	3	013	30.30	AA		30.30
04	0753	12	CLR	10.00			44	6.7	39	4.0	33	0.6	65	6	320		30.24			30.33	AA		30.33
04	0853	12	CLR	10.00			46	7.8	40	4.4	32	0.0	58	7	VR		30.24			30.33	AA		30.33
04	0953	12	CLR	10.00			48	8.9	41	4.8	31	-0.6	52	6	VR		30.24	1	010	30.33	AA		30.33
04	1053	12	CLR	10.00			49	9.4	40	4.6	28	-2.2	44	0	000		30.24			30.33	AA		30.33
04	1153	12	CLR	10.00			51	10.6	42	5.3	29	-1.7	43	5	240		30.22			30.32	AA		30.31
04	1253	12	FEW050	10.00			50	10.0	41	4.9	28	-2.2	43	3	VR		30.20	8	016	30.29	AA		30.29
04	1353	12	CLR	10.00			48	8.9	40	4.3	28	-2.2	46	8	190	16	30.18			30.27	AA		30.27
04	1453	12	CLR	10.00			48	8.9	40	4.5	29	-1.7	48	9	180		30.17			30.26	AA		30.26
04	1553	12	CLR	10.00			47	8.3	40	4.3	30	-1.1	52	8	180		30.15	8	016	30.24	AA		30.24
04	1653	12	CLR	10.00			47	8.3	40	4.3	30	-1.1	52	6	190		30.16			30.24	AA		30.25

04	1753	12	CLR	10.00		46	7.8	40	4.2	31	-0.6	56	3	190		30.15			30.24	AA		30.24
04	1853	12	CLR	10.00		47	8.3	41	4.7	32	0.0	56	5	240		30.17	3	008	30.26	AA		30.26
04	1953	12	CLR	10.00		47	8.3	41	4.9	33	0.6	58	0	000		30.17			30.25	AA		30.26
04	2053	12	FEW050 BKN060 OVC110	10.00		45	7.2	41	5.0	36	2.2	71	0	000		30.17			30.26	AA		30.26
04	2153	12	SCT040 SCT080 OVC100	10.00		47	8.3	41	5.1	34	1.1	61	0	000		30.16	6	005	30.25	AA		30.25
04	2253	12	BKN070 OVC100	10.00		45	7.2	41	5.0	36	2.2	71	0	000		30.15			30.24	AA		30.24
04	2353	12	BKN070 OVC090	10.00		47	8.3	42	5.4	35	1.7	63	6	250		30.14			30.23	AA		30.23
05	0053	12	FEW085 BKN110	10.00		45	7.2	40	4.3	33	0.6	63	5	260		30.13	8	009	30.22	AA		30.22
05	0153	12	OVC095	10.00		45	7.2	40	4.3	33	0.6	63	3	300		30.12			30.22	AA		30.21
05	0253	12	OVC090	10.00		45	7.2	40	4.3	33	0.6	63	5	350		30.11			30.20	AA		30.20
05	0353	12	OVC090	10.00		45	7.2	40	4.3	33	0.6	63	5	340		30.10	8	010	30.19	AA		30.19
05	0453	12	OVC090	10.00		44	6.7	40	4.2	34	1.1	68	5	010		30.10			30.19	AA		30.19
05	0553	12	FEW060 OVC090	10.00		43	6.1	40	4.2	35	1.7	73	0	000		30.09			30.19	AA		30.18
05	0653	12	BKN065 OVC090	10.00		43	6.1	40	4.2	35	1.7	73	0	000		30.08	8	007	30.17	AA		30.17
05	0753	12	CLR	10.00		45	7.2	41	5.0	36	2.2	71	5	030		30.07			30.16	AA		30.16
05	0853	12	CLR	10.00		48	8.9	43	5.9	36	2.2	63	5	VR		30.07			30.16	AA		30.16
05	0953	12	OVC047	10.00		48	8.9	42	5.4	34	1.1	59	0	000		30.06	6	007	30.15	AA		30.15
05	1053	12	FEW048 OVC055	10.00		49	9.4	43	5.9	35	1.7	59	5	280		30.05			30.14	AA		30.14
05	1153	12	BKN042 OVC049	10.00		50	10.0	43	6.2	35	1.7	57	0	000		30.02			30.11	AA		30.11
05	1253	12	SCT038 OVC049	10.00		50	10.0	43	6.0	34	1.1	54	6	250		30.00	8	021	30.09	AA		30.09
05	1353	12	BKN037 BKN048	10.00		51	10.6	44	6.7	36	2.2	57	0	000		29.97			30.06	AA		30.06
05	1453	12	SCT050 SCT060	10.00		50	10.0	44	6.4	36	2.2	59	3	140		29.95			30.03	AA		30.04
05	1553	12	FEW060	10.00		50	10.0	44	6.4	36	2.2	59	8	220		29.93	6	021	30.02	AA		30.02
05	1653	12	CLR	10.00		47	8.3	43	5.8	37	2.8	68	6	210		29.92			30.01	AA		30.01
05	1753	12	SCT075	10.00		47	8.3	43	6.0	38	3.3	71	6	230		29.92			30.01	AA		30.01
05	1853	12	OVC070	10.00		49	9.4	44	6.6	38	3.3	66	8	240		29.90	8	011	29.99	AA		29.99
05	1951	12	FEW029 BKN040 OVC080	9.00	-RA	43	6.0	40	4.6	37	3.0	79	18	330	33	29.91			M	SP		30.00
05	1953	12	FEW032 BKN042 OVC080	9.00	-RA	43	6.1	41	4.8	38	3.3	83	17	330	31	29.92			30.01	AA	T	30.01
05	2000	12	SCT032 BKN040 OVC070	10.00	-RA	43	6.0	40	4.6	37	3.0	79	17	320	25	29.92			M	SP		30.01
05	2053	12	BKN120	10.00		43	6.1	40	4.6	37	2.8	79	10	290		29.91			30.00	AA	T	30.00
05	2153	12	CLR	10.00		43	6.1	40	4.4	36	2.2	76	9	300	16	29.91	8	002	30.00	AA		30.00
05	2253	12	CLR	10.00		43	6.1	39	3.7	33	0.6	68	14	300	23	29.90			29.99	AA		29.99
05	2353	12	CLR	10.00		42	5.6	37	3.0	31	-0.6	65	11	330	22	29.91			30.00	AA		30.00
06	0053	12	CLR	10.00		41	5.0	37	2.5	30	-1.1	65	9	310		29.92	3	003	30.01	AA		30.01
06	0153	12	CLR	10.00		41	5.0	36	2.3	29	-1.7	62	9	310	18	29.93			30.02	AA		30.02
06	0253	12	CLR	10.00		41	5.0	36	2.3	29	-1.7	62	10	320	21	29.94			30.03	AA		30.03
06	0353	12	CLR	10.00		40	4.4	35	1.6	27	-2.8	60	10	310	22	29.96	3	014	30.05	AA		30.05
06	0453	12	CLR	10.00		40	4.4	34	0.9	23	-5.0	51	13	330	18	29.98			30.07	AA		30.07
06	0553	12	CLR	10.00		39	3.9	33	0.2	21	-6.1	48	8	330		30.01			30.10	AA		30.10
06	0653	12	CLR	10.00		39	3.9	32	0.1	20	-6.7	46	14	320	20	30.03	1	024	30.12	AA		30.12
06	0753	12	CLR	10.00		41	5.0	34	1.0	22	-5.6	47	9	320		30.06			30.15	AA		30.15
06	0853	12	CLR	10.00		44	6.7	37	2.5	25	-3.9	47	13	340	22	30.08			30.17	AA		30.17
06	0953	12	CLR	10.00		45	7.2	38	3.2	27	-2.8	49	15	340	24	30.10	1	025	30.19	AA		30.19
06	1053	12	FEW065	10.00		47	8.3	39	4.0	28	-2.2	48	14	350	22	30.11			30.20	AA		30.20
06	1153	12	CLR	10.00		48	8.9	40	4.3	28	-2.2	46	16	360	28	30.11			30.20	AA		30.20
06	1253	12	SCT044	10.00		48	8.9	40	4.3	28	-2.2	46	15	340	26	30.11	1	001	30.20	AA		30.20
06	1353	12	BKN046	10.00		48	8.9	39	4.1	27	-2.8	44	10	360	22	30.12			30.21	AA		30.21
06	1453	12	OVC048	10.00		47	8.3	39	3.8	27	-2.8	46	13	350	23	30.13			30.22	AA		30.22
06	1553	12	OVC048	10.00		47	8.3	39	3.8	27	-2.8	46	8	350		30.14	3	012	30.23	AA		30.23
06	1653	12	OVC050	10.00		47	8.3	39	3.6	26	-3.3	44	8	350		30.16			30.25	AA		30.25
06	1753	12	SCT050	10.00		45	7.2	38	3.2	27	-2.8	49	7	320		30.17			30.26	AA		30.26
06	1853	12	CLR	10.00		43	6.1	37	2.6	27	-2.8	53	7	310		30.19	2	014	30.28	AA		30.28
06	1953	12	CLR	10.00		41	5.0	36	1.9	27	-2.8	58	6	310		30.20			30.29	AA		30.29
06	2053	12	CLR	10.00		39	3.9	34	1.3	27	-2.8	62	3	330		30.21			30.30	AA		30.30
06	2153	12	CLR	10.00		39	3.9	34	1.3	27	-2.8	62	5	320		30.22	1	010	30.31	AA		30.31
06	2253	12	CLR	10.00		37	2.8	34	0.8	28	-2.2	70	0	000		30.22			30.31	AA		30.31
06	2353	12	CLR	10.00		36	2.2	33	0.5	28	-2.2	73	0	000		30.22			30.31	AA		30.31
07	0053	12	CLR	10.00		34	1.1	31	-0.3	27	-2.8	76	0	000		30.21	8	002	30.30	AA		30.30
07	0153	12	CLR	10.00		32	0.0	30	-1.2	26	-3.3	79	0	000		30.21			30.30	AA		30.30

07	0253	12	CLR	10.00		32	0.0	30	-1.0	27	-2.8	82	3	290		30.23			30.32	AA		30.32
07	0353	12	CLR	10.00		31	-0.6	29	-1.5	26	-3.3	82	0	000		30.23	1	006	30.32	AA		30.32
07	0453	12	CLR	10.00		31	-0.6	29	-1.5	26	-3.3	82	0	000		30.24			30.33	AA		30.33
07	0553	12	CLR	10.00		30	-1.1	28	-2.0	25	-3.9	82	0	000		30.25			30.34	AA		30.34
07	0653	12	CLR	10.00		30	-1.1	29	-1.9	26	-3.3	85	0	000		30.24	0	003	30.33	AA		30.33
07	0753	12	CLR	10.00		36	2.2	33	0.7	29	-1.7	76	0	000		30.25			30.34	AA		30.34
07	0853	12	CLR	10.00		41	5.0	36	1.9	27	-2.8	58	7	260		30.24			30.32	AA		30.33
07	0953	12	CLR	10.00		45	7.2	37	3.0	26	-3.3	47	8	250		30.23	8	003	30.32	AA		30.32
07	1053	12	CLR	10.00		48	8.9	40	4.3	28	-2.2	46	8	250		30.21			30.30	AA		30.30
07	1153	12	CLR	10.00		49	9.4	40	4.4	27	-2.8	43	8	210		30.17			30.26	AA		30.26
07	1253	12	CLR	10.00		50	10.0	41	5.2	30	-1.1	46	13	210		30.14	8	028	30.23	AA		30.23
07	1353	12	CLR	10.00		49	9.4	41	4.7	29	-1.7	46	10	200		30.13			30.22	AA		30.22
07	1453	12	CLR	10.00		49	9.4	41	5.1	31	-0.6	50	9	200		30.11			30.20	AA		30.20
07	1553	12	CLR	10.00		49	9.4	42	5.3	32	0.0	52	11	210		30.10	6	013	30.19	AA		30.19
07	1653	12	CLR	10.00		48	8.9	42	5.6	35	1.7	61	8	200		30.09			30.18	AA		30.18
07	1753	12	CLR	10.00		49	9.4	44	6.4	37	2.8	63	9	200		30.08			30.17	AA		30.17
07	1853	12	CLR	10.00		49	9.4	44	6.4	37	2.8	63	13	210		30.09	5	005	30.18	AA		30.18
07	1953	12	CLR	10.00		50	10.0	44	6.7	37	2.8	61	13	220		30.09			30.19	AA		30.18
07	2053	12	CLR	10.00		50	10.0	45	7.1	39	3.9	66	14	220		30.10			30.19	AA		30.19
07	2153	12	CLR	10.00		51	10.6	47	8.1	42	5.6	71	14	230		30.10	1	005	30.19	AA		30.19
07	2253	12	CLR	10.00		51	10.6	47	8.1	42	5.6	71	11	220		30.09			30.17	AA		30.18
07	2353	12	CLR	10.00		50	10.0	46	7.6	41	5.0	71	7	230		30.08			30.17	AA		30.17
08	0053	12	OVC090	10.00		51	10.6	48	8.6	44	6.7	77	7	230		30.07	6	013	30.16	AA		30.16
08	0153	12	OVC090	10.00		54	12.2	50	9.9	46	7.8	75	10	230		30.06			30.15	AA		30.15
08	0253	12	BKN090	10.00		53	11.7	49	9.1	44	6.7	72	9	240		30.05			30.14	AA		30.14
08	0353	12	FEW070	10.00		51	10.6	47	8.4	43	6.1	74	9	250		30.06	5	001	30.15	AA		30.15
08	0453	12	CLR	10.00		49	9.4	46	7.5	42	5.6	77	3	240		30.07			30.16	AA		30.16
08	0553	12	CLR	10.00		47	8.3	44	6.7	41	5.0	80	5	240		30.08			30.17	AA		30.17
08	0653	12	CLR	10.00		45	7.2	43	6.1	41	5.0	86	5	260		30.10	3	012	30.19	AA		30.19
08	0753	12	CLR	10.00		49	9.4	46	7.5	42	5.6	77	6	250		30.13			30.22	AA		30.22
08	0853	12	CLR	10.00		52	11.1	47	8.4	42	5.6	69	7	260		30.14			30.23	AA		30.23
08	0953	12	CLR	10.00		56	13.3	49	9.2	41	5.0	57	3	VR		30.14	1	016	30.23	AA		30.23
08	1053	12	CLR	10.00		61	16.1	51	10.8	42	5.6	50	6	300		30.14			30.23	AA		30.23
08	1153	12	CLR	10.00		63	17.2	53	11.5	43	6.1	48	6	320		30.14			30.22	AA		30.23
08	1253	12	CLR	10.00		65	18.3	55	12.5	45	7.2	49	3	260		30.13	8	005	30.22	AA		30.22
08	1353	12	CLR	10.00		68	20.0	56	13.2	45	7.2	44	5	320		30.13			30.22	AA		30.22
08	1453	12	CLR	10.00		66	18.9	56	13.4	48	8.9	52	6	170		30.15			30.24	AA		30.24
08	1540	12	CLR	10.00		63	17.0	55	12.7	48	9.0	58	5	190		30.17			M	SP		30.26
08	1553	12	CLR	10.00		62	16.7	54	12.2	47	8.3	58	3	190		30.18	3	015	30.26	AA		30.27
08	1653	12	CLR	10.00		58	14.4	53	11.5	48	8.9	70	3	170		30.19			30.28	AA		30.28
08	1753	12	CLR	9.00		54	12.2	50	10.2	47	8.3	77	0	000		30.23			30.32	AA		30.32
08	1853	12	CLR	8.00		50	10.0	48	8.9	46	7.8	86	3	170		30.25	3	025	30.34	AA		30.34
08	1953	12	CLR	8.00		52	11.1	49	9.7	47	8.3	83	0	000		30.27			30.36	AA		30.36
08	2053	12	CLR	8.00		46	7.8	45	6.9	43	6.1	89	0	000		30.27			30.36	AA		30.36
08	2153	12	CLR	9.00		48	8.9	46	7.8	44	6.7	86	3	350		30.28	1	011	30.37	AA		30.37
08	2253	12	CLR	7.00		47	8.3	45	7.2	43	6.1	86	0	000		30.29			30.38	AA		30.38
08	2353	12	CLR	9.00		48	8.9	46	7.5	43	6.1	83	5	360		30.29			30.38	AA		30.38
09	0053	12	CLR	7.00		47	8.3	45	7.2	43	6.1	86	0	000		30.29	1	003	30.38	AA		30.38
09	0153	12	CLR	6.00	BR	43	6.1	42	5.3	40	4.4	89	0	000		30.29			30.38	AA		30.38
09	0253	12	CLR	6.00	BR	42	5.6	41	4.8	39	3.9	89	0	000		30.29			30.38	AA		30.38
09	0353	12	CLR	7.00		40	4.4	39	3.9	38	3.3	93	0	000		30.30	3	003	30.39	AA		30.39
09	0453	12	CLR	7.00		42	5.6	41	4.8	39	3.9	89	0	000		30.31			30.40	AA		30.40
09	0553	12	CLR	6.00	BR	41	5.0	40	4.5	39	3.9	93	3	020		30.33			30.42	AA		30.42
09	0653	12	CLR	4.00	BR	43	6.1	42	5.3	40	4.4	89	3	020		30.34	2	012	30.42	AA		30.43
09	0732	12	SCT001	5.00	BR	43	6.0	41	5.1	39	4.0	86	0	000		30.34			M	SP		30.43
09	0740	12	BKN001	3.00	BR	43	6.0	41	5.1	39	4.0	86	0	000		30.34			M	SP		30.43
09	0742	12	BKN001	0.75	BR	43	6.0	42	5.6	41	5.0	93	0	000		30.34			M	SP		30.43
09	0751	12	VV001	0.25	FG	45	7.0	44	6.7	43	6.0	93	0	000		30.35			M	SP		30.44
09	0753	12	VV001	0.50	FG	45	7.2	44	6.7	43	6.1	93	0	000		30.35			30.44	AA		30.44

09	0805	12	VV001	0.25	FG	48	9.0	47	8.3	46	8.0	93	0	000		30.36			M	SP		30.45
09	0851	12	VV001	1.00	BR	50	10.0	49	9.4	48	9.0	93	0	000		30.35			M	SP		30.44
09	0853	12	VV001	1.00	BR	50	10.0	49	9.7	49	9.4	96	0	000		30.35			30.44	AA		30.44
09	0900	12	BKN001 OVC005	0.25	FG	52	11.0	51	10.5	50	10.0	93	0	000		30.35			M	SP		30.44
09	0905	12	CLR	7.00		52	11.0	51	10.5	50	10.0	93	0	000		30.35			M	SP		30.44
09	0953	12	CLR	7.00		61	16.1	54	12.2	48	8.9	63	6	210		30.35	1	004	30.44	AA		30.44
09	1053	12	CLR	10.00		63	17.2	54	12.2	46	7.8	54	10	200		30.32			30.41	AA		30.41
09	1153	12	CLR	10.00		64	17.8	55	12.5	46	7.8	52	9	190		30.28			30.37	AA		30.37
09	1253	12	CLR	10.00		63	17.2	55	12.5	47	8.3	56	10	190		30.26	6	031	30.35	AA		30.35
09	1353	12	CLR	10.00		61	16.1	55	12.5	49	9.4	65	9	200		30.23			30.32	AA		30.32
09	1453	12	CLR	10.00		59	15.0	54	12.3	50	10.0	72	9	220		30.22			30.31	AA		30.31
09	1553	12	CLR	10.00		58	14.4	53	11.5	48	8.9	70	7	220		30.24	5	006	30.33	AA		30.33
09	1653	12	CLR	10.00		57	13.9	52	11.2	48	8.9	72	5	230		30.25			30.34	AA		30.34
09	1753	12	CLR	10.00		56	13.3	53	11.5	50	10.0	80	7	220		30.24			30.33	AA		30.33
09	1853	12	CLR	10.00		56	13.3	53	11.8	51	10.6	83	8	220		30.22	8	006	30.31	AA		30.31
09	1953	12	CLR	9.00		55	12.8	53	11.6	51	10.6	86	7	210		30.22			30.31	AA		30.31
09	2053	12	CLR	10.00		56	13.3	53	11.8	51	10.6	83	9	220		30.21			30.29	AA		30.30
09	2153	12	CLR	10.00		56	13.3	53	11.8	51	10.6	83	6	260		30.21	6	006	30.29	AA		30.30
09	2253	12	CLR	10.00		55	12.8	52	11.3	50	10.0	83	6	240		30.20			30.29	AA		30.29
09	2353	12	CLR	10.00		55	12.8	52	11.0	49	9.4	80	5	260		30.20			30.29	AA		30.29
10	0053	12	CLR	10.00		55	12.8	52	11.0	49	9.4	80	6	240		30.19	8	003	30.28	AA		30.28
10	0153	12	CLR	9.00		55	12.8	52	11.0	49	9.4	80	5	250		30.18			30.27	AA		30.27
10	0253	12	CLR	7.00		54	12.2	51	10.7	49	9.4	83	5	240		30.17			30.25	AA		30.26
10	0353	12	CLR	6.00	HZ	54	12.2	51	10.7	49	9.4	83	6	270		30.16	6	012	30.25	AA		30.25
10	0453	12	CLR	6.00	BR	53	11.7	51	10.5	49	9.4	86	3	230		30.16			30.25	AA		30.25
10	0553	12	CLR	5.00	BR	53	11.7	51	10.5	49	9.4	86	3	300		30.15			30.24	AA		30.24
10	0653	12	CLR	3.00	BR	52	11.1	50	10.2	49	9.4	90	0	000		30.17	3	003	30.26	AA		30.26
10	0753	12	CLR	4.00	HZ	54	12.2	51	10.7	49	9.4	83	0	000		30.18			30.27	AA		30.27
10	0853	12	CLR	5.00	HZ	57	13.9	53	11.8	50	10.0	78	0	000		30.18			30.27	AA		30.27
10	0953	12	CLR	6.00	HZ	59	15.0	54	12.3	50	10.0	72	0	000		30.18	1	005	30.27	AA		30.27
10	1053	12	CLR	7.00		63	17.2	55	13.0	49	9.4	60	6	020		30.18			30.27	AA		30.27
10	1153	12	CLR	10.00		64	17.8	55	13.0	48	8.9	56	0	000		30.17			30.25	AA		30.26
10	1253	12	CLR	10.00		64	17.8	55	13.0	48	8.9	56	6	030		30.14	8	016	30.22	AA		30.23
10	1353	12	CLR	10.00		63	17.2	55	12.7	48	8.9	58	6	020		30.13			30.22	AA		30.22
10	1453	12	CLR	10.00		63	17.2	55	12.7	48	8.9	58	6	020		30.14			30.23	AA		30.23
10	1553	12	CLR	9.00		62	16.7	55	12.5	48	8.9	60	3	020		30.14	3	002	30.23	AA		30.23
10	1653	12	CLR	10.00		61	16.1	54	12.2	48	8.9	63	0	000		30.15			30.23	AA		30.24
10	1753	12	CLR	10.00		59	15.0	53	11.5	47	8.3	65	3	350		30.14			30.23	AA		30.23
10	1853	12	CLR	9.00		56	13.3	52	11.0	48	8.9	75	3	360		30.13	8	003	30.22	AA		30.22
10	1953	12	CLR	10.00		56	13.3	51	10.7	47	8.3	72	6	020		30.15			30.24	AA		30.24
10	2053	12	CLR	10.00		56	13.3	51	10.5	46	7.8	69	8	010		30.15			30.24	AA		30.24
10	2153	12	FEW043	10.00		56	13.3	51	10.5	46	7.8	69	10	010		30.16	2	009	30.25	AA		30.25
10	2253	12	OVC046	10.00		57	13.9	50	10.2	44	6.7	62	11	020		30.16			30.24	AA		30.25
10	2353	12	CLR	10.00		56	13.3	48	9.0	40	4.4	55	11	030		30.16			30.25	AA		30.25
11	0053	12	FEW090	10.00		55	12.8	47	8.5	39	3.9	55	11	030		30.17	3	001	30.25	AA		30.26
11	0153	12	SCT049	10.00		55	12.8	47	8.1	37	2.8	51	10	030	20	30.18			30.27	AA		30.27
11	0253	12	OVC095	10.00		55	12.8	45	7.4	34	1.1	45	10	030		30.19			30.28	AA		30.28
11	0353	12	OVC095	10.00		54	12.2	44	6.8	32	0.0	43	11	030	21	30.19	1	009	30.28	AA		30.28
11	0453	12	OVC090	10.00		53	11.7	43	6.3	31	-0.6	43	13	030	26	30.20			30.28	AA		30.29
11	0553	12	BKN050 OVC090	10.00	-RA	51	10.6	44	6.5	35	1.7	54	13	020		30.21			30.30	AA	T	30.30
11	0653	12	OVC070	10.00	-RA	50	10.0	44	6.7	37	2.8	61	10	030		30.23	3	012	30.32	AA	T	30.32
11	0753	12	OVC065	10.00		51	10.6	44	6.7	36	2.2	57	13	040	21	30.25			30.34	AA	T	30.34
11	0853	12	BKN070	10.00		51	10.6	44	6.5	35	1.7	54	11	040	25	30.26			30.35	AA		30.35
11	0953	12	BKN080	10.00		53	11.7	45	7.1	35	1.7	51	11	060	20	30.26	1	012	30.35	AA		30.35
11	1053	12	FEW085	10.00		53	11.7	45	7.3	36	2.2	53	17	030	22	30.26			30.35	AA		30.35
11	1153	12	FEW090	10.00		53	11.7	45	7.1	35	1.7	51	14	040		30.24			30.33	AA		30.33
11	1253	12	CLR	10.00		54	12.2	44	6.6	31	-0.6	42	11	060	23	30.23	8	013	30.32	AA		30.32
11	1353	12	CLR	10.00		54	12.2	45	7.0	33	0.6	45	11	050		30.22			30.31	AA		30.31
11	1453	12	CLR	10.00		53	11.7	44	6.9	34	1.1	49	13	060	21	30.22			30.31	AA		30.31

11	1553	12	CLR	10.00		53	11.7	45	7.1	35	1.7	51	10	040		30.22	5	001	30.31	AA		30.31
11	1653	12	CLR	10.00		52	11.1	44	6.8	35	1.7	53	10	060	17	30.23			30.32	AA		30.32
11	1753	12	CLR	10.00		51	10.6	43	6.3	34	1.1	52	11	060		30.24			30.33	AA		30.33
11	1853	12	CLR	10.00		50	10.0	42	5.6	32	0.0	50	10	050	20	30.24	0	005	30.33	AA		30.33
11	1953	12	CLR	10.00		49	9.4	42	5.5	33	0.6	54	14	060	24	30.24			30.33	AA		30.33
11	2053	12	CLR	10.00		48	8.9	42	5.2	33	0.6	56	13	050	23	30.23			30.32	AA		30.32
11	2153	12	CLR	10.00		48	8.9	42	5.2	33	0.6	56	11	050	20	30.22	8	006	30.31	AA		30.31
11	2253	12	CLR	10.00		47	8.3	41	5.1	34	1.1	61	11	050	23	30.21			30.30	AA		30.30
11	2353	12	CLR	10.00		47	8.3	42	5.4	35	1.7	63	10	050	20	30.20			30.29	AA		30.29
12	0053	12	CLR	10.00		47	8.3	42	5.4	35	1.7	63	11	050	24	30.19	7	010	30.28	AA		30.28
12	0153	12	BKN120	10.00		47	8.3	42	5.4	35	1.7	63	13	050	23	30.19			30.27	AA		30.28
12	0253	12	OVC110	10.00		47	8.3	42	5.4	35	1.7	63	14	060		30.17			30.26	AA		30.26
12	0353	12	OVC110	10.00		47	8.3	41	4.9	33	0.6	58	17	050		30.15	8	014	30.24	AA		30.24
12	0453	12	OVC100	10.00		47	8.3	41	4.9	33	0.6	58	16	050	23	30.14			30.23	AA		30.23
12	0553	12	OVC100	10.00		47	8.3	41	5.1	34	1.1	61	14	060	29	30.13			30.22	AA		30.22
12	0653	12	FEW100	10.00		48	8.9	42	5.4	34	1.1	59	21	050	32	30.13	6	006	30.22	AA		30.22
12	0753	12	CLR	10.00		48	8.9	42	5.6	35	1.7	61	18	040	29	30.13			30.22	AA		30.22
12	0853	12	FEW085	10.00		48	8.9	42	5.6	35	1.7	61	18	050	31	30.13			30.22	AA		30.22
12	0953	12	SCT080	10.00		47	8.3	43	5.8	37	2.8	68	18	040	25	30.12	8	005	30.21	AA		30.21
12	1053	12	SCT070	10.00	-RA	46	7.8	43	6.0	39	3.9	77	15	030	24	30.10			30.19	AA	T	30.19
12	1153	12	SCT043 BKN060 BKN085	10.00	-RA	46	7.8	43	6.0	39	3.9	77	17	030	23	30.07			30.16	AA	0.01	30.16
12	1253	12	SCT037 BKN048 BKN080	10.00	-RA	46	7.8	43	6.0	39	3.9	77	18	040	24	30.04	8	026	30.13	AA	0.02	30.13
12	1353	12	BKN031 BKN060 BKN075	10.00	-RA	47	8.3	43	6.3	39	3.9	74	14	040	23	30.03			30.12	AA	0.02	30.12
12	1418	12	BKN026 BKN048 BKN065	10.00	-RA	46	8.0	43	6.0	39	4.0	77	14	040	21	30.03			M	SP		30.12
12	1437	12	BKN033 OVC065	10.00	-RA	46	8.0	43	6.0	39	4.0	77	13	040	20	30.03			M	SP		30.12
12	1453	12	BKN039 OVC049	10.00	-RA	47	8.3	43	6.3	39	3.9	74	14	040		30.02			30.11	AA	0.03	30.11
12	1553	12	BKN060 BKN095	10.00	-RA	48	8.9	43	6.3	38	3.3	68	14	040	22	30.01	8	012	30.09	AA	T	30.10
12	1653	12	CLR	10.00		50	10.0	43	6.2	35	1.7	57	15	050	25	30.00			30.09	AA	T	30.09
12	1753	12	BKN047	10.00		50	10.0	43	6.2	35	1.7	57	20	040	29	30.00			30.09	AA		30.09
12	1853	12	SCT040 SCT055	10.00		50	10.0	43	6.2	35	1.7	57	17	040	28	30.00	6	003	30.09	AA		30.09
12	1953	12	CLR	10.00		49	9.4	42	5.7	34	1.1	56	21	040	32	30.00			30.09	AA		30.09
12	2053	12	FEW048 BKN085	10.00		48	8.9	43	6.1	37	2.8	66	20	040	31	30.00			30.09	AA		30.09
12	2153	12	OVC041	10.00		49	9.4	44	6.8	39	3.9	69	18	040	28	29.98	8	005	30.07	AA		30.07
12	2253	12	OVC037	10.00		49	9.4	44	6.8	39	3.9	69	17	050	28	29.96			30.05	AA		30.05
12	2338	12	BKN025 OVC037	10.00		48	9.0	44	6.5	39	4.0	71	20	040	25	29.95			M	SP		30.04
12	2353	12	OVC025	10.00		48	8.9	44	6.8	40	4.4	74	17	040	29	29.94			30.03	AA		30.03
13	0053	12	BKN017 OVC031	10.00		48	8.9	45	7.0	41	5.0	77	20	050	32	29.92	6	019	30.01	AA		30.01
13	0151	12	SCT021 OVC033	10.00		48	9.0	45	7.0	41	5.0	77	22	040	31	29.90			M	SP		29.99
13	0153	12	SCT021 OVC033	10.00		49	9.4	45	7.3	41	5.0	74	18	050	31	29.91			29.99	AA		30.00
13	0211	12	BKN021 OVC033	10.00		48	9.0	45	7.0	41	5.0	77	16	040	25	29.90			M	SP		29.99
13	0253	12	BKN021 OVC035	10.00		48	8.9	45	7.0	41	5.0	77	20	030	29	29.90			29.98	AA		29.99
13	0317	12	SCT021 OVC033	10.00		48	9.0	45	7.0	41	5.0	77	20	030	31	29.90			M	SP		29.99
13	0324	12	BKN021 OVC033	10.00		48	9.0	45	7.0	41	5.0	77	20	030	29	29.89			M	SP		29.98
13	0353	12	OVC021	10.00		47	8.3	44	6.5	40	4.4	77	22	030	30	29.90	5	009	29.99	AA		29.99
13	0451	12	SCT019 OVC037	10.00		46	8.0	44	6.4	41	5.0	83	21	030	33	29.90			M	SP		29.99
13	0453	12	SCT019 OVC037	10.00		47	8.3	44	6.7	41	5.0	80	21	030	33	29.90			29.99	AA	T	29.99
13	0544	12	BKN017 BKN022 OVC070	10.00	-RA	46	8.0	45	6.9	43	6.0	89	20	030	33	29.90			M	SP		29.99
13	0553	12	BKN017 OVC022	10.00	-RA	46	7.8	44	6.7	42	5.6	86	18	030	34	29.90			29.99	AA	T	29.99
13	0653	12	SCT015 BKN022 OVC036	10.00	-RA	47	8.3	45	7.2	43	6.1	86	22	030	31	29.90	0	001	29.99	AA	T	29.99
13	0753	12	BKN017 OVC023	9.00		47	8.3	45	7.2	43	6.1	86	22	030	32	29.90			29.99	AA	T	29.99
13	0853	12	OVC019	9.00		48	8.9	46	7.5	43	6.1	83	17	040	30	29.91			30.00	AA		30.00
13	0934	12	BKN014 OVC019	4.00	-RA BR	46	8.0	46	7.5	45	7.0	96	18	040	33	29.92			M	SP		30.01
13	0953	12	BKN012 OVC019	4.00	-RA BR	47	8.3	46	7.5	44	6.7	89	21	030	29	29.91	0	003	30.00	AA	T	30.00
13	1053	12	BKN013 OVC020	7.00		48	8.9	47	8.0	45	7.2	89	16	040	29	29.89			29.98	AA	T	29.98
13	1118	12	OVC015	5.00	BR	48	9.0	47	8.0	45	7.0	89	17	040	36	29.89			M	SP		29.98
13	1153	12	BKN015 OVC021	6.00	HZ	50	10.0	48	8.6	45	7.2	83	18	040	28	29.89			29.98	AA		29.98
13	1253	12	BKN018 OVC022	6.00	-RA BR	51	10.6	49	9.4	47	8.3	86	20	040	29	29.87	8	015	29.96	AA	T	29.96
13	1353	12	BKN018 OVC023	10.00		52	11.1	49	9.4	46	7.8	80	18	050	34	29.85			29.94	AA		29.94
13	1453	12	OVC018	9.00	-RA	52	11.1	49	9.7	47	8.3	83	18	050	34	29.85			29.94	AA	T	29.94

13	1553	12	OVC016	10.00	-RA	51	10.6	49	9.4	47	8.3	86	22	050	36	29.85	6	007	29.93	AA	0.01	29.94
13	1653	12	OVC016	10.00	-RA	51	10.6	49	9.4	47	8.3	86	21	040	39	29.85			29.94	AA	T	29.94
13	1735	12	OVC014	10.00		52	11.0	49	9.4	46	8.0	80	21	040	34	29.85			M	SP		29.94
13	1753	12	OVC014	7.00	-RA	51	10.6	49	9.7	48	8.9	90	21	050	36	29.84			29.93	AA	T	29.93
13	1804	12	BKN016 OVC021	6.00	-RA BR	52	11.0	50	9.9	48	9.0	86	24	040	37	29.84			M	SP		29.93
13	1814	12	BKN014 OVC022	6.00	-RA BR	52	11.0	50	9.9	48	9.0	86	24	040	36	29.85			M	SP		29.94
13	1853	12	BKN012 BKN018 OVC022	8.00	-RA	52	11.1	50	10.2	49	9.4	90	26	050	39	29.83	8	006	29.92	AA	0.01	29.92
13	1953	12	OVC014	10.00	-RA	53	11.7	52	11.0	51	10.6	93	23	050	34	29.83			29.92	AA	T	29.92
13	2014	12	BKN016 OVC021	3.00	RA BR	52	11.0	52	11.1	52	11.0	100	21	040	32	29.83			M	SP		29.92
13	2051	12	BKN013 BKN018 OVC024	4.00	-RA BR	52	11.0	52	11.1	52	11.0	100	24	040	34	29.82			M	SP		29.91
13	2053	12	SCT013 OVC018	4.00	-RA BR	52	11.1	51	10.8	51	10.6	96	23	040	32	29.82			29.91	AA	0.06	29.91
13	2141	12	BKN011 BKN016 OVC021	2.50	-RA BR	52	11.0	52	11.1	52	11.0	100	21	040	26	29.82			M	SP		29.91
13	2148	12	SCT011 BKN015 OVC022	3.00	-RA BR	52	11.0	51	10.5	50	10.0	93	22	040	31	29.82			M	SP		29.91
13	2153	12	SCT011 BKN015 OVC022	4.00	-RA BR	52	11.1	51	10.5	50	10.0	93	21	030	33	29.82	5	002	29.91	AA	0.05	29.91
13	2203	12	BKN011 OVC017	6.00	-RA BR	52	11.0	51	10.5	50	10.0	93	18	030	28	29.82			M	SP		29.91
13	2253	12	OVC014	9.00	-RA	52	11.1	50	10.2	49	9.4	90	16	040	28	29.82			29.91	AA	T	29.91
13	2353	12	OVC010	10.00	-RA	52	11.1	51	10.5	50	10.0	93	18	020	25	29.81			29.90	AA	T	29.90
14	0023	12	BKN008 OVC013	4.00	-RA BR	52	11.0	51	10.5	50	10.0	93	16	030	25	29.80			M	SP		29.89
14	0053	12	OVC011	4.00	RA BR	53	11.7	52	11.0	51	10.6	93	16	020	24	29.79	8	010	29.88	AA	0.08	29.88
14	0108	12	BKN008 OVC011	6.00	-RA BR	54	12.0	53	11.6	52	11.0	93	13	030	22	29.79			M	SP		29.88
14	0133	12	BKN010 OVC015	4.00	-RA BR	55	13.0	54	12.4	54	12.0	96	18	040	30	29.79			M	SP		29.88
14	0153	12	BKN010 OVC015	2.50	RA BR	55	12.8	54	12.1	53	11.7	93	17	040	25	29.79			29.88	AA	0.04	29.88
14	0206	12	BKN012 OVC016	3.00	-RA BR	54	12.0	53	11.6	52	11.0	93	15	040	23	29.79			M	SP		29.88
14	0209	12	BKN009 OVC014	2.50	-RA BR	54	12.0	53	11.6	52	11.0	93	18	030	28	29.79			M	SP		29.88
14	0219	12	SCT009 BKN012 OVC018	3.00	-RA BR	54	12.0	53	11.6	52	11.0	93	17	040	24	29.80			M	SP		29.89
14	0244	12	BKN009 OVC015	2.50	-RA BR	54	12.0	53	11.6	52	11.0	93	16	040	28	29.80			M	SP		29.89
14	0251	12	SCT009 OVC013	3.00	-RA BR	54	12.0	53	11.6	52	11.0	93	13	040	28	29.80			M	SP		29.89
14	0252	12	BKN009 BKN013 OVC018	3.00	-RA BR	53	11.7	52	11.0	51	10.6	93	14	040	24	29.79			29.88	AA	0.04	29.88
14	0353	12	BKN009 OVC015	3.00	RA BR	53	11.7	52	11.0	51	10.6	93	20	040	29	29.78	8	003	29.87	AA	0.05	29.87
14	0453	12	OVC009	6.00	-RA BR	52	11.1	51	10.5	50	10.0	93	20	050	32	29.77			29.85	AA	0.02	29.86
14	0553	12	OVC007	10.00		52	11.1	51	10.5	50	10.0	93	23	050	32	29.75			29.84	AA	T	29.84
14	0653	12	OVC007	10.00		54	12.2	53	11.6	52	11.1	93	17	060	33	29.74	8	015	29.83	AA		29.83
14	0753	12	OVC007	10.00		55	12.8	54	12.1	53	11.7	93	14	040	24	29.79			29.88	AA		29.88
14	0853	12	OVC009	10.00		57	13.9	55	12.9	54	12.2	90	9	360		29.80			29.89	AA		29.89
14	0953	12	OVC007	10.00		55	12.8	53	11.8	52	11.1	90	13	340	20	29.80	0	020	29.88	AA		29.89
14	1049	12	FEW006 BKN010 OVC015	10.00		57	14.0	56	13.2	55	13.0	93	15	350	22	29.78			M	SP		29.87
14	1053	12	FEW006 OVC013	10.00		58	14.4	56	13.5	55	12.8	90	16	350	23	29.78			29.87	AA		29.87
14	1124	12	BKN004 OVC013	7.00	-RA	57	14.0	56	13.2	55	13.0	93	17	360	24	29.78			M	SP		29.87
14	1138	12	BKN004 OVC012	1.75	-RA BR	57	14.0	56	13.2	55	13.0	93	15	020		29.77			M	SP		29.86
14	1153	12	SCT004 OVC010	1.25	-RA BR	57	13.9	56	13.2	55	12.8	93	20	030		29.77			29.86	AA	0.02	29.86
14	1213	12	FEW006 BKN012 OVC018	2.50	-RA BR	57	14.0	56	13.2	55	13.0	93	16	030	24	29.76			M	SP		29.85
14	1223	12	FEW006 BKN012 OVC019	4.00	-RA BR	57	14.0	56	13.2	55	13.0	93	18	020	25	29.76			M	SP		29.85
14	1240	12	BKN007 OVC015	3.00	-RA BR	57	14.0	56	13.2	55	13.0	93	15	030	23	29.76			M	SP		29.85
14	1253	12	BKN007 OVC017	3.00	-RA BR	57	13.9	56	13.2	55	12.8	93	17	020	23	29.76	8	007	29.85	AA	0.02	29.85
14	1301	12	BKN007 OVC017	2.50	-RA BR	57	14.0	56	13.2	55	13.0	93	14	020	23	29.76			M	SP		29.85
14	1308	12	BKN007 OVC017	4.00	-RA BR	57	14.0	56	13.2	55	13.0	93	15	020		29.76			M	SP		29.85
14	1328	12	BKN007 OVC018	1.00	+RA BR	55	13.0	54	12.4	54	12.0	96	15	020		29.75			M	SP		29.84
14	1340	12	SCT007 OVC016	5.00	-RA BR	55	13.0	54	12.4	54	12.0	96	15	020	23	29.74			M	SP		29.83
14	1353	12	BKN007 OVC016	5.00	-RA BR	56	13.3	55	12.7	54	12.2	93	16	030	22	29.74			29.83	AA	0.07	29.83
14	1453	12	OVC005	3.00	BR	56	13.3	55	13.0	55	12.8	96	11	030		29.75			29.84	AA	T	29.84
14	1536	12	OVC005	2.50	BR	55	13.0	54	12.4	54	12.0	96	11	020		29.74			M	SP		29.83
14	1549	12	OVC005	3.00	-RA BR	55	13.0	55	12.7	55	13.0	100	10	030		29.74			M	SP		29.83
14	1553	12	OVC005	3.00	-RA BR	56	13.3	55	13.0	55	12.8	96	13	030		29.75	1	002	29.84	AA	0.01	29.84
14	1627	12	OVC007	2.00	-RA BR	55	13.0	55	12.7	55	13.0	100	14	020		29.74			M	SP		29.83
14	1630	12	SCT005 OVC010	1.75	-RA BR	55	13.0	55	12.7	55	13.0	100	15	020		29.74			M	SP		29.83
14	1633	12	BKN007 OVC012	2.00	-RA BR	55	13.0	55	12.7	55	13.0	100	15	030		29.74			M	SP		29.83
14	1644	12	SCT005 OVC010	2.00	-RA BR	55	13.0	55	12.7	55	13.0	100	14	020		29.74			M	SP		29.83
14	1653	12	OVC008	2.00	-RA BR	56	13.3	55	13.0	55	12.8	96	14	020		29.74			29.83	AA	0.02	29.83
14	1717	12	BKN005 OVC010	4.00	BR	55	13.0	55	12.7	55	13.0	100	11	030		29.75			M	SP		29.84

14	1753	12	OVC005	4.00	BR	56	13.3	55	13.0	55	12.8	96	13	030		29.75			29.84	AA	T	29.84
14	1851	12	OVC005	2.50	BR	55	13.0	54	12.4	54	12.0	96	9	030		29.76			M	SP		29.85
14	1853	12	OVC005	2.00	BR	56	13.3	55	12.7	54	12.2	93	11	020		29.76	1	007	29.85	AA		29.85
14	1913	12	OVC005	3.00	-RA BR	55	13.0	54	12.4	54	12.0	96	11	030		29.77			M	SP		29.86
14	1933	12	OVC003	3.00	BR	55	13.0	54	12.4	54	12.0	96	9	020		29.77			M	SP		29.86
14	1944	12	OVC003	2.00	BR	55	13.0	54	12.4	54	12.0	96	10	020		29.77			M	SP		29.86
14	1953	12	OVC003	2.50	-RA BR	56	13.3	55	12.7	54	12.2	93	11	020		29.77			29.86	AA	0.01	29.86
14	2000	12	OVC003	3.00	BR	55	13.0	54	12.4	54	12.0	96	9	040		29.77			M	SP		29.86
14	2012	12	OVC003	2.00	BR	55	13.0	54	12.4	54	12.0	96	10	030		29.77			M	SP		29.86
14	2019	12	BKN005 OVC009	3.00	BR	55	13.0	54	12.4	54	12.0	96	10	030		29.77			M	SP		29.86
14	2031	12	BKN004 OVC009	3.00	BR	55	13.0	54	12.4	54	12.0	96	9	030		29.77			M	SP		29.86
14	2053	12	OVC004	4.00	BR	56	13.3	55	12.7	54	12.2	93	8	030		29.77			29.85	AA		29.86
14	2153	12	OVC004	4.00	BR	56	13.3	55	12.7	54	12.2	93	10	030		29.76	8	001	29.85	AA		29.85
14	2251	12	SCT004 OVC012	6.00	BR	55	13.0	54	12.4	54	12.0	96	9	030		29.76			M	SP		29.85
14	2253	12	SCT004 OVC012	6.00	BR	56	13.3	55	12.7	54	12.2	93	9	040		29.75			29.84	AA	T	29.84
14	2318	12	BKN006 OVC010	9.00		55	13.0	54	12.4	54	12.0	96	8	040		29.76			M	SP		29.85
14	2353	12	BKN004 OVC012	6.00	-RA BR	56	13.3	55	12.7	54	12.2	93	10	030		29.76			29.84	AA	0.01	29.85
15	0036	12	OVC002	2.50	BR	55	13.0	54	12.4	54	12.0	96	9	030		29.76			M	SP		29.85
15	0053	12	OVC002	2.50	BR	55	12.8	54	12.4	54	12.2	96	9	020		29.75	6	002	29.84	AA		29.84
15	0105	12	OVC002	3.00	BR	55	13.0	54	12.4	54	12.0	96	9	020		29.75			M	SP		29.84
15	0153	12	OVC002	6.00	BR	55	12.8	54	12.4	54	12.2	96	8	010		29.75			29.84	AA		29.84
15	0235	12	OVC002	2.00	BR	55	13.0	54	12.4	54	12.0	96	9	030		29.74			M	SP		29.83
15	0253	12	OVC002	2.00	BR	56	13.3	55	13.0	55	12.8	96	7	030		29.75			29.84	AA		29.84
15	0316	12	OVC002	1.50	BR	55	13.0	55	12.7	55	13.0	100	8	030		29.74			M	SP		29.83
15	0337	12	OVC002	2.00	BR	55	13.0	55	12.7	55	13.0	100	7	010		29.74			M	SP		29.83
15	0353	12	OVC002	2.00	BR	56	13.3	55	13.0	55	12.8	96	7	350		29.74	8	004	29.83	AA		29.83
15	0453	12	OVC002	2.50	-RA BR	55	12.8	54	12.4	54	12.2	96	8	360		29.75			29.84	AA	0.01	29.84
15	0505	12	OVC004	3.00	BR	55	13.0	54	12.4	54	12.0	96	9	010		29.75			M	SP		29.84
15	0553	12	OVC004	4.00	-RA BR	56	13.3	55	13.0	55	12.8	96	5	320		29.78			29.87	AA	0.03	29.87
15	0605	12	OVC004	2.50	RA BR	55	13.0	55	12.7	55	13.0	100	7	330		29.78			M	SP		29.87
15	0618	12	OVC004	4.00	-RA BR	55	13.0	55	12.7	55	13.0	100	7	340		29.78			M	SP		29.87
15	0630	12	OVC006	7.00	-RA	55	13.0	55	12.7	55	13.0	100	6	340		29.79			M	SP		29.88
15	0653	12	SCT006 BKN032	10.00		56	13.3	55	12.7	54	12.2	93	9	030		29.77	0	008	29.86	AA	0.02	29.86
15	0719	12	BKN004	10.00		55	13.0	54	12.4	54	12.0	96	9	020		29.78			M	SP		29.87
15	0753	12	OVC004	10.00		57	13.9	56	13.2	55	12.8	93	6	020		29.78			29.87	AA		29.87
15	0853	12	OVC004	10.00		58	14.4	57	13.8	56	13.3	93	8	360		29.81			29.89	AA		29.90
15	0953	12	OVC004	10.00		58	14.4	57	13.8	56	13.3	93	7	350		29.82	1	016	29.90	AA		29.91
15	1053	12	OVC006	10.00		59	15.0	57	14.0	56	13.3	90	5	340		29.82			29.91	AA		29.91
15	1153	12	BKN006 OVC037	10.00		61	16.1	59	14.8	57	13.9	87	3	VR		29.80			29.89	AA		29.89
15	1210	12	SCT008 OVC037	10.00		63	17.0	60	15.2	57	14.0	81	0	000		29.79			M	SP		29.88
15	1253	12	OVC039	10.00		64	17.8	60	15.8	58	14.4	81	6	020		29.78	8	014	29.86	AA		29.87
15	1351	12	BKN016 OVC035	10.00		66	19.0	62	16.5	59	15.0	78	5	010		29.78			M	SP		29.87
15	1353	12	BKN016 OVC035	10.00		66	18.9	62	16.5	59	15.0	78	6	350		29.78			29.87	AA		29.87
15	1451	12	SCT016 OVC031	10.00		66	19.0	61	15.9	57	14.0	73	5	320		29.78			M	SP		29.87
15	1453	12	SCT016 OVC031	10.00		66	18.9	61	15.9	57	13.9	73	3	320		29.78			29.87	AA		29.87
15	1553	12	FEW031	10.00		65	18.3	60	15.4	56	13.3	73	3	320		29.79	3	003	29.88	AA		29.88
15	1653	12	CLR	10.00		63	17.2	58	14.6	55	12.8	75	0	000		29.80			29.89	AA		29.89
15	1753	12	CLR	10.00		62	16.7	58	14.1	54	12.2	75	6	330		29.81			29.90	AA		29.90
15	1853	12	CLR	10.00		60	15.6	57	13.7	54	12.2	81	5	330		29.83	3	015	29.92	AA		29.92
15	1953	12	CLR	10.00		59	15.0	56	13.1	53	11.7	81	3	330		29.84			29.93	AA		29.93
15	2053	12	CLR	10.00		57	13.9	55	12.6	53	11.7	87	0	000		29.84			29.93	AA		29.93
15	2153	12	CLR	10.00		55	12.8	53	11.8	52	11.1	90	0	000		29.84	0	001	29.92	AA		29.93
15	2253	12	CLR	10.00		53	11.7	52	11.0	51	10.6	93	0	000		29.84			29.93	AA		29.93
15	2353	12	CLR	10.00		52	11.1	51	10.5	50	10.0	93	0	000		29.84			29.93	AA		29.93
16	0053	12	CLR	10.00		52	11.1	51	10.5	50	10.0	93	0	000		29.84	3	002	29.93	AA		29.93
16	0153	12	CLR	10.00		54	12.2	52	11.3	51	10.6	90	3	320		29.85			29.94	AA		29.94
16	0253	12	CLR	10.00		53	11.7	52	11.0	51	10.6	93	0	000		29.86			29.95	AA		29.95
16	0353	12	CLR	10.00		54	12.2	52	11.3	51	10.6	90	0	000		29.87	3	009	29.96	AA		29.96
16	0453	12	CLR	10.00		55	12.8	52	11.3	50	10.0	83	6	340		29.88			29.97	AA		29.97

16	0553	12	CLR	10.00		53	11.7	51	10.5	49	9.4	86	5	320		29.89			29.98	AA		29.98
16	0653	12	CLR	10.00		53	11.7	49	9.7	46	7.8	77	9	340		29.91	3	014	30.00	AA		30.00
16	0753	12	CLR	10.00		54	12.2	49	9.2	43	6.1	67	7	360		29.93			30.02	AA		30.02
16	0853	12	CLR	10.00		54	12.2	47	8.4	40	4.4	59	9	360		29.95			30.04	AA		30.04
16	0953	12	CLR	10.00		55	12.8	45	7.2	33	0.6	43	17	010	28	29.95	0	011	30.03	AA		30.04
16	1053	12	CLR	10.00		56	13.3	45	7.1	31	-0.6	39	16	360	22	29.94			30.03	AA		30.03
16	1153	12	CLR	10.00		58	14.4	46	7.7	31	-0.6	36	13	340	22	29.92			30.01	AA		30.01
16	1253	12	CLR	10.00		59	15.0	45	7.4	28	-2.2	31	14	350	21	29.92	6	007	30.01	AA		30.01
16	1353	12	CLR	10.00		58	14.4	46	7.5	30	-1.1	35	10	340	18	29.93			30.02	AA		30.02
16	1453	12	CLR	10.00		57	13.9	45	7.2	30	-1.1	36	13	340		29.94			30.03	AA		30.03
16	1553	12	CLR	10.00		57	13.9	45	7.2	30	-1.1	36	9	350		29.95	3	009	30.04	AA		30.04
16	1653	12	CLR	10.00		55	12.8	45	7.0	32	0.0	42	7	350		29.96			30.05	AA		30.05
16	1753	12	CLR	10.00		54	12.2	43	6.2	29	-1.7	38	9	350		29.98			30.07	AA		30.07
16	1853	12	CLR	10.00		52	11.1	42	5.6	29	-1.7	41	10	020	20	29.99	3	012	30.08	AA		30.08
16	1953	12	CLR	10.00		50	10.0	42	5.6	32	0.0	50	14	010		30.00			30.09	AA		30.09
16	2053	12	CLR	10.00		49	9.4	41	5.1	31	-0.6	50	13	020		30.02			30.11	AA		30.11
16	2153	12	CLR	10.00		49	9.4	41	4.9	30	-1.1	48	9	350		30.03	3	014	30.12	AA		30.12
16	2253	12	OVC120	10.00		49	9.4	41	5.1	31	-0.6	50	7	360		30.04			30.13	AA		30.13
16	2353	12	CLR	10.00		47	8.3	40	4.5	31	-0.6	54	7	010		30.06			30.15	AA		30.15
17	0053	12	CLR	10.00		47	8.3	39	4.0	28	-2.2	48	9	010		30.06	1	009	30.15	AA		30.15
17	0153	12	CLR	10.00		46	7.8	38	3.5	27	-2.8	48	10	010		30.08			30.16	AA		30.17
17	0253	12	FEW110	10.00		45	7.2	37	3.0	26	-3.3	47	9	010		30.07			30.16	AA		30.16
17	0353	12	SCT110	10.00		45	7.2	37	3.0	26	-3.3	47	10	010		30.09	1	010	30.18	AA		30.18
17	0453	12	SCT100	10.00		45	7.2	38	3.2	27	-2.8	49	10	010		30.10			30.19	AA		30.19
17	0553	12	OVC100	10.00		45	7.2	38	3.2	27	-2.8	49	8	020		30.12			30.21	AA		30.21
17	0653	12	BKN100	10.00		45	7.2	38	3.4	28	-2.2	51	8	020		30.15	3	019	30.24	AA		30.24
17	0753	12	BKN100	10.00		46	7.8	39	3.7	28	-2.2	50	7	020		30.17			30.26	AA		30.26
17	0853	12	OVC100	10.00		47	8.3	39	4.0	28	-2.2	48	9	030		30.18			30.27	AA		30.27
17	0953	12	CLR	10.00		50	10.0	40	4.5	26	-3.3	39	11	020		30.19	1	014	30.28	AA		30.28
17	1053	12	CLR	10.00		51	10.6	41	4.8	26	-3.3	38	11	030	18	30.19			30.28	AA		30.28
17	1153	12	CLR	10.00		50	10.0	40	4.2	24	-4.4	36	7	060		30.19			30.28	AA		30.28
17	1253	12	CLR	10.00		52	11.1	41	5.1	26	-3.3	37	5	080		30.18	8	003	30.27	AA		30.27
17	1353	12	CLR	10.00		53	11.7	41	4.9	23	-5.0	31	5	020		30.18			30.27	AA		30.27
17	1453	12	CLR	10.00		53	11.7	41	5.2	25	-3.9	34	6	020		30.18			30.27	AA		30.27
17	1553	12	CLR	10.00		52	11.1	41	4.9	25	-3.9	35	6	090		30.20	3	007	30.29	AA		30.29
17	1619	12	CLR	10.00		52	11.0	41	4.9	25	-4.0	35	5	060		30.20			M	SP		30.29
17	1653	12	CLR	10.00		50	10.0	39	3.9	22	-5.6	33	5	040		30.21			30.30	AA		30.30
17	1753	12	CLR	10.00		47	8.3	38	3.3	24	-4.4	41	0	000		30.24			30.33	AA		30.33
17	1853	12	CLR	10.00		45	7.2	38	3.5	29	-1.7	54	3	080		30.26	3	019	30.35	AA		30.35
17	1953	12	CLR	10.00		43	6.1	38	3.1	30	-1.1	60	3	050		30.26			30.35	AA		30.35
17	2053	12	CLR	10.00		43	6.1	38	3.5	32	0.0	65	5	080		30.28			30.37	AA		30.37
17	2153	12	CLR	10.00		43	6.1	39	3.7	33	0.6	68	5	050		30.29	3	013	30.38	AA		30.38
17	2253	12	CLR	10.00		43	6.1	40	4.2	35	1.7	73	6	060		30.30			30.39	AA		30.39
17	2353	12	CLR	10.00		42	5.6	39	3.9	35	1.7	76	6	060		30.31			30.40	AA		30.40
18	0053	12	CLR	10.00		41	5.0	39	3.8	36	2.2	82	6	060		30.32	3	008	30.41	AA		30.41
18	0153	12	CLR	10.00		41	5.0	39	3.8	36	2.2	82	6	050		30.33			30.42	AA		30.42
18	0253	12	CLR	10.00		42	5.6	39	4.1	36	2.2	79	5	060		30.35			30.43	AA		30.44
18	0353	12	CLR	10.00		41	5.0	39	4.0	37	2.8	86	5	050		30.35	1	010	30.44	AA		30.44
18	0453	12	CLR	10.00		41	5.0	39	3.8	36	2.2	82	6	060		30.36			30.45	AA		30.45
18	0550	12	BKN027	10.00		43	6.0	40	4.6	37	3.0	79	7	040		30.37			M	SP		30.46
18	0553	12	BKN027	10.00		42	5.6	40	4.3	37	2.8	83	7	040		30.37			30.46	AA		30.46
18	0653	12	OVC027	10.00		44	6.7	41	4.7	36	2.2	74	6	040		30.38	1	005	30.47	AA		30.47
18	0732	12	SCT027	10.00		45	7.0	41	5.0	36	2.0	71	8	040		30.37			M	SP		30.46
18	0753	12	CLR	10.00		45	7.2	41	5.2	37	2.8	74	7	040		30.38			30.47	AA		30.47
18	0853	12	OVC033	10.00		48	8.9	43	6.3	38	3.3	68	8	070		30.38			30.47	AA		30.47
18	0953	12	CLR	10.00		50	10.0	45	7.1	39	3.9	66	9	060		30.39	3	004	30.47	AA		30.48
18	1053	12	CLR	10.00		53	11.7	47	8.2	40	4.4	62	6	100		30.37			30.46	AA		30.46
18	1153	12	OVC037	10.00		54	12.2	48	8.9	42	5.6	64	9	010		30.36			30.45	AA		30.45
18	1253	12	OVC037	10.00		53	11.7	48	8.7	42	5.6	66	9	030		30.35	6	011	30.44	AA		30.44

18	1353	12	OVC039	10.00		53	11.7	47	8.4	41	5.0	64	6	050		30.34			30.43	AA		30.43
18	1453	12	OVC039	10.00		53	11.7	48	8.7	42	5.6	66	6	030		30.34			30.42	AA		30.43
18	1517	12	BKN039	10.00		52	11.0	48	8.6	43	6.0	72	6	030		30.34			M	SP		30.43
18	1553	12	BKN039	10.00		51	10.6	46	7.9	41	5.0	69	7	050		30.34	5	005	30.43	AA		30.43
18	1653	12	BKN041	10.00		50	10.0	46	7.6	41	5.0	71	3	060		30.34			30.43	AA		30.43
18	1753	12	OVC042	10.00		48	8.9	45	7.0	41	5.0	77	3	040		30.35			30.44	AA		30.44
18	1853	12	OVC044	10.00		49	9.4	45	7.3	41	5.0	74	5	090		30.35	0	003	30.43	AA		30.44
18	1953	12	OVC044	10.00		47	8.3	44	6.7	41	5.0	80	5	040		30.34			30.43	AA		30.43
18	2053	12	BKN042	10.00		46	7.8	43	6.2	40	4.4	80	5	030		30.34			30.43	AA		30.43
18	2153	12	BKN042	10.00		45	7.2	43	5.9	40	4.4	83	5	020		30.33	8	004	30.42	AA		30.42
18	2253	12	CLR	10.00		44	6.7	42	5.4	39	3.9	83	5	040		30.32			30.41	AA		30.41
18	2353	12	BKN039	10.00		47	8.3	44	6.7	41	5.0	80	6	060		30.31			30.40	AA		30.40
19	0053	12	OVC041	10.00		48	8.9	45	7.3	42	5.6	80	3	050		30.30	6	011	30.39	AA		30.39
19	0153	12	BKN041	10.00		47	8.3	45	7.0	42	5.6	83	6	040		30.30			30.39	AA		30.39
19	0253	12	CLR	10.00		48	8.9	46	7.5	43	6.1	83	3	VR		30.28			30.37	AA		30.37
19	0353	12	CLR	10.00		47	8.3	45	7.2	43	6.1	86	5	040		30.28	8	009	30.37	AA		30.37
19	0453	12	FEW031 BKN045	10.00		46	7.8	45	6.9	43	6.1	89	6	030		30.27			30.36	AA		30.36
19	0553	12	FEW024 BKN043	10.00		47	8.3	46	7.5	44	6.7	89	7	040		30.27			30.36	AA		30.36
19	0635	12	BKN026 BKN039 OVC048	10.00		48	9.0	47	8.0	45	7.0	89	7	040		30.27			M	SP		30.36
19	0646	12	SCT026 OVC043	10.00		48	9.0	47	8.0	45	7.0	89	8	040		30.27			M	SP		30.36
19	0651	12	BKN026 OVC043	10.00		48	9.0	47	8.0	45	7.0	89	6	040		30.27			M	SP		30.36
19	0653	12	BKN026 OVC043	10.00		48	8.9	47	8.0	45	7.2	89	8	050		30.27	8	003	30.36	AA		30.36
19	0704	12	FEW026 BKN043	10.00		48	9.0	47	8.0	45	7.0	89	7	040		30.27			M	SP		30.36
19	0753	12	SCT039 OVC046	10.00		50	10.0	48	8.9	46	7.8	86	7	040		30.28			30.37	AA		30.37
19	0826	12	BKN025 BKN035 OVC050	10.00		50	10.0	48	8.9	46	8.0	86	5	060		30.27			M	SP		30.36
19	0853	12	BKN023 BKN028 OVC034	10.00		51	10.6	49	9.1	46	7.8	83	7	060		30.27			30.36	AA		30.36
19	0914	12	FEW025 BKN030 OVC036	10.00		52	11.0	49	9.4	46	8.0	80	6	060		30.26			M	SP		30.35
19	0951	12	BKN027 OVC035	10.00		54	12.0	51	10.5	48	9.0	80	7	080		30.26			M	SP		30.35
19	0953	12	BKN027 OVC035	10.00		54	12.2	51	10.5	48	8.9	80	7	070		30.26	6	007	30.35	AA		30.35
19	1053	12	OVC020	10.00		57	13.9	53	11.8	50	10.0	78	8	070		30.23			30.32	AA		30.32
19	1128	12	OVC014	10.00		57	14.0	54	12.3	52	11.0	83	6	070		30.21			M	SP		30.30
19	1153	12	OVC012	10.00		58	14.4	54	12.3	51	10.6	78	8	070		30.20			30.29	AA		30.29
19	1253	12	OVC012	10.00		58	14.4	54	12.3	51	10.6	78	6	080		30.17	6	029	30.26	AA		30.26
19	1353	12	OVC012	3.00	-RA BR	57	13.9	55	12.6	53	11.7	87	5	050		30.15			30.24	AA	T	30.24
19	1414	12	OVC007	8.00	-RA	55	13.0	54	12.4	54	12.0	96	6	040		30.14			M	SP		30.23
19	1446	12	OVC011	10.00		55	13.0	54	12.4	54	12.0	96	6	040		30.13			M	SP		30.22
19	1453	12	OVC011	10.00		56	13.3	54	12.4	53	11.7	90	3	050		30.13			30.22	AA	T	30.22
19	1553	12	OVC013	8.00	-RA	57	13.9	56	13.2	55	12.8	93	0	000		30.13	6	015	30.22	AA	T	30.22
19	1621	12	FEW013 SCT050 OVC060	10.00		57	14.0	55	12.9	54	12.0	90	5	060		30.12			M	SP		30.21
19	1653	12	FEW014 OVC065	10.00		58	14.4	56	13.5	55	12.8	90	6	090		30.12			30.21	AA		30.21
19	1753	12	OVC075	10.00		58	14.4	56	13.2	54	12.2	87	8	100		30.10			30.19	AA		30.19
19	1853	12	OVC075	10.00		58	14.4	56	13.2	54	12.2	87	9	110		30.10	6	009	30.19	AA		30.19
19	1953	12	FEW055	10.00		58	14.4	56	13.5	55	12.8	90	11	120		30.09			30.17	AA		30.18
19	2053	12	BKN110	10.00		58	14.4	57	13.8	56	13.3	93	9	130		30.08			30.17	AA		30.17
19	2151	12	FEW006 SCT049 BKN090	10.00		57	14.0	56	13.2	55	13.0	93	9	120		30.05			M	SP		30.14
19	2153	12	FEW006 SCT055 BKN090	10.00		58	14.4	57	13.8	56	13.3	93	9	120		30.05	6	012	30.14	AA		30.14
19	2253	12	FEW049 BKN100	10.00		58	14.4	57	13.8	56	13.3	93	9	120		30.03			30.11	AA		30.12
19	2353	12	FEW028 BKN050 OVC080	10.00		59	15.0	58	14.3	57	13.9	93	11	140		30.00			30.08	AA		30.09
20	0034	12	FEW007 OVC050	10.00		59	15.0	58	14.3	57	14.0	93	16	150		29.97			M	SP		30.06
20	0053	12	SCT005 BKN046 OVC055	10.00	-RA	59	15.0	58	14.3	57	13.9	93	15	150	23	29.96	8	030	30.05	AA	T	30.05
20	0102	12	BKN005 OVC046	10.00	-RA	59	15.0	58	14.3	57	14.0	93	14	150		29.95			M	SP		30.04
20	0130	12	SCT005 SCT033 OVC047	10.00		59	15.0	58	14.3	57	14.0	93	17	150	24	29.94			M	SP		30.03
20	0153	12	FEW005 BKN033 OVC044	6.00	-RA BR	60	15.6	59	14.9	58	14.4	93	15	150	23	29.93			30.01	AA	0.03	30.02
20	0205	12	FEW005 BKN029 OVC045	8.00	-RA	61	16.0	59	14.8	57	14.0	87	16	160		29.93			M	SP		30.02
20	0253	12	FEW005 BKN029 OVC045	9.00	-RA	60	15.6	59	14.9	58	14.4	93	15	150	21	29.90			29.98	AA	0.09	29.99
20	0315	12	BKN005 BKN029 OVC047	10.00		61	16.0	59	14.8	57	14.0	87	17	150		29.89			M	SP		29.98
20	0353	12	BKN005 OVC025	9.00	-RA	60	15.6	59	14.9	58	14.4	93	16	170	24	29.88	6	027	29.96	AA	T	29.97
20	0453	12	OVC005	2.50	+TSRA BR	60	15.6	59	14.9	58	14.4	93	15	190		29.87			29.96	AA	0.31	29.96
20	0501	12	BKN005 BKN008 OVC035	1.75	+TSRA BR	61	16.0	60	15.4	59	15.0	93	22	190	29	29.87			M	SP		29.96

20	0507	12	SCT005 BKN012 OVC038	2.00	+TSRA BR	61	16.0	60	15.4	59	15.0	93	16	200	29	29.86			M	SP		29.95
20	0515	12	SCT005 BKN015 OVC039	4.00	+TSRA BR	61	16.0	60	15.4	59	15.0	93	14	190	23	29.86			M	SP		29.95
20	0523	12	BKN005 BKN012 OVC039	5.00	RA BR	61	16.0	60	15.4	59	15.0	93	15	200		29.86			M	SP		29.95
20	0540	12	BKN005 OVC013	10.00	-RA	61	16.0	59	14.8	57	14.0	87	14	200	20	29.86			M	SP		29.95
20	0551	12	OVC003	10.00		61	16.0	59	14.8	57	14.0	87	15	220	21	29.86			M	SP		29.95
20	0553	12	OVC003	10.00		60	15.6	59	14.9	58	14.4	93	14	220	21	29.86			29.94	AA	0.12	29.95
20	0653	12	OVC003	6.00	BR	59	15.0	58	14.3	57	13.9	93	10	220		29.87	5	000	29.96	AA	0.02	29.96
20	0730	12	SCT003 BKN018 OVC023	10.00		59	15.0	58	14.3	57	14.0	93	8	280		29.88			M	SP		29.97
20	0749	12	FEW022 BKN100	10.00		59	15.0	56	13.4	54	12.0	84	9	280		29.88			M	SP		29.97
20	0753	12	FEW022 BKN095	10.00		59	15.0	56	13.4	54	12.2	84	8	290		29.88			29.97	AA		29.97
20	0853	12	CLR	10.00		59	15.0	54	12.3	50	10.0	72	13	270		29.89			29.98	AA		29.98
20	0953	12	CLR	10.00		59	15.0	52	11.2	46	7.8	62	14	290		29.90	3	006	29.98	AA		29.99
20	1053	12	CLR	10.00		59	15.0	52	11.2	46	7.8	62	18	280		29.88			29.97	AA		29.97
20	1153	12	CLR	10.00		59	15.0	51	10.7	44	6.7	58	13	300	20	29.88			29.96	AA		29.97
20	1253	12	FEW038	10.00		59	15.0	51	10.2	42	5.6	54	13	290	22	29.88	6	007	29.96	AA		29.97
20	1328	12	FEW042	10.00		61	16.0	50	10.1	39	4.0	44	11	320	25	29.88			M	SP		29.97
20	1353	12	FEW045	10.00		59	15.0	49	9.3	38	3.3	46	15	300	24	29.89			29.97	AA		29.98
20	1453	12	CLR	10.00		57	13.9	47	8.4	36	2.2	46	11	330	21	29.91			30.00	AA		30.00
20	1553	12	CLR	10.00		55	12.8	45	7.2	33	0.6	43	9	310	18	29.92	3	014	30.01	AA		30.01
20	1653	12	CLR	10.00		54	12.2	45	6.9	33	0.6	45	6	310		29.94			30.03	AA		30.03
20	1753	12	CLR	10.00		53	11.7	44	6.9	34	1.1	49	7	310		29.96			30.05	AA		30.05
20	1853	12	CLR	10.00		51	10.6	43	6.1	33	0.6	50	5	320		29.97	1	017	30.06	AA		30.06
20	1953	12	CLR	10.00		49	9.4	42	5.7	34	1.1	56	6	280		29.98			30.06	AA		30.07
20	2053	12	CLR	10.00		49	9.4	42	5.7	34	1.1	56	5	260		29.99			30.08	AA		30.08
20	2153	12	CLR	10.00		49	9.4	42	5.7	34	1.1	56	5	260		29.99	1	007	30.08	AA		30.08
20	2253	12	CLR	10.00		47	8.3	41	5.1	34	1.1	61	5	270		29.98			30.07	AA		30.07
20	2353	12	CLR	10.00		46	7.8	41	5.1	35	1.7	66	3	260		29.97			30.06	AA		30.06
21	0053	12	CLR	10.00		46	7.8	41	4.8	34	1.1	63	6	280		29.96	6	010	30.05	AA		30.05
21	0153	12	CLR	10.00		46	7.8	41	4.8	34	1.1	63	6	280		29.96			30.05	AA		30.05
21	0253	12	CLR	10.00		45	7.2	40	4.5	34	1.1	65	5	280		29.96			30.05	AA		30.05
21	0353	12	CLR	10.00		45	7.2	40	4.5	34	1.1	65	5	340		29.94	8	007	30.03	AA		30.03
21	0453	12	CLR	10.00		44	6.7	40	4.5	35	1.7	71	0	000		29.95			30.04	AA		30.04
21	0553	12	CLR	10.00		44	6.7	40	4.5	35	1.7	71	0	000		29.97			30.06	AA		30.06
21	0653	12	CLR	10.00		42	5.6	39	3.8	35	1.7	76	0	000		29.99	3	016	30.08	AA		30.08
21	0753	12	CLR	10.00		45	7.2	41	5.0	36	2.2	71	0	000		30.00			30.09	AA		30.09
21	0853	12	CLR	10.00		48	8.9	43	6.3	38	3.3	68	0	000		29.99			30.08	AA		30.08
21	0953	12	CLR	10.00		52	11.1	45	7.2	37	2.8	57	5	350		30.00	1	006	30.09	AA		30.09
21	1053	12	CLR	10.00		55	12.8	47	8.0	37	2.8	51	3	010		30.00			30.09	AA		30.09
21	1153	12	CLR	10.00		55	12.8	47	8.3	38	3.3	53	6	310		29.99			30.08	AA		30.08
21	1253	12	CLR	10.00		56	13.3	47	8.3	37	2.8	49	5	300		29.99	8	006	30.08	AA		30.08
21	1353	12	CLR	10.00		55	12.8	47	8.0	37	2.8	51	6	290		29.98			30.07	AA		30.07
21	1453	12	CLR	10.00		56	13.3	47	8.5	38	3.3	51	8	340		29.99			30.08	AA		30.08
21	1553	12	CLR	10.00		56	13.3	47	8.5	38	3.3	51	3	340		29.99	5	000	30.08	AA		30.08
21	1653	12	CLR	10.00		54	12.2	46	8.0	38	3.3	55	3	330		30.01			30.09	AA		30.10
21	1753	12	CLR	10.00		52	11.1	45	7.4	38	3.3	59	5	360		30.01			30.11	AA		30.10
21	1853	12	CLR	10.00		50	10.0	45	7.3	40	4.4	69	5	010		30.03	1	015	30.12	AA		30.12
21	1953	12	CLR	10.00		50	10.0	46	7.6	41	5.0	71	5	340		30.04			30.13	AA		30.13
21	2053	12	CLR	10.00		49	9.4	45	7.1	40	4.4	71	7	340		30.05			30.14	AA		30.14
21	2153	12	CLR	10.00		48	8.9	44	6.5	39	3.9	71	9	350		30.06	3	011	30.15	AA		30.15
21	2253	12	CLR	10.00		47	8.3	43	6.3	39	3.9	74	10	360		30.06			30.15	AA		30.15
21	2353	12	CLR	10.00		47	8.3	43	6.0	38	3.3	71	8	350		30.07			30.16	AA		30.16
22	0053	12	CLR	10.00		46	7.8	42	5.7	38	3.3	74	7	360		30.07	1	001	30.16	AA		30.16
22	0153	12	CLR	10.00		45	7.2	42	5.4	38	3.3	77	5	020		30.09			30.18	AA		30.18
22	0253	12	CLR	10.00		43	6.1	40	4.6	37	2.8	79	5	020		30.10			30.19	AA		30.19
22	0353	12	CLR	10.00		42	5.6	40	4.3	37	2.8	83	6	020		30.11	1	014	30.20	AA		30.20
22	0453	12	CLR	10.00		42	5.6	40	4.3	37	2.8	83	8	030		30.12			30.21	AA		30.21
22	0553	12	CLR	10.00		41	5.0	39	4.0	37	2.8	86	6	020		30.14			30.23	AA		30.23
22	0653	12	CLR	10.00		42	5.6	40	4.3	37	2.8	83	5	020		30.17	3	020	30.26	AA		30.26
22	0753	12	CLR	10.00		45	7.2	42	5.7	39	3.9	80	8	020		30.19			30.28	AA		30.28

22	0853	12	CLR	10.00		48	8.9	44	6.5	39	3.9	71	14	020		30.21			30.30	AA		30.30
22	0953	12	CLR	10.00		49	9.4	44	6.6	38	3.3	66	17	020		30.23	1	021	30.32	AA		30.32
22	1053	12	CLR	10.00		51	10.6	45	7.2	38	3.3	61	11	030		30.22			30.31	AA		30.31
22	1153	12	CLR	10.00		52	11.1	45	7.2	37	2.8	57	10	050		30.21			30.30	AA		30.30
22	1253	12	CLR	10.00		53	11.7	46	7.5	37	2.8	55	11	050		30.21	5	007	30.30	AA		30.30
22	1353	12	CLR	10.00		53	11.7	46	7.7	38	3.3	57	7	040		30.21			30.30	AA		30.30
22	1453	12	BKN035	10.00		53	11.7	46	7.7	38	3.3	57	7	080		30.23			30.32	AA		30.32
22	1553	12	OVC035	10.00		51	10.6	45	7.2	38	3.3	61	7	070		30.24	3	009	30.33	AA		30.33
22	1653	12	FEW031	10.00		49	9.4	44	6.6	38	3.3	66	3	040		30.26			30.35	AA		30.35
22	1753	12	SCT042	10.00		47	8.3	43	5.8	37	2.8	68	0	000		30.28			30.37	AA		30.37
22	1853	12	CLR	10.00		46	7.8	42	5.7	38	3.3	74	3	040		30.29	1	017	30.37	AA		30.38
22	1953	12	CLR	10.00		46	7.8	43	6.0	39	3.9	77	7	070		30.29			30.38	AA		30.38
22	2053	12	CLR	10.00		46	7.8	42	5.7	38	3.3	74	7	070		30.31			30.40	AA		30.40
22	2153	12	CLR	10.00		44	6.7	41	5.1	38	3.3	80	8	050		30.31	0	007	30.40	AA		30.40
22	2253	12	CLR	10.00		43	6.1	40	4.4	36	2.2	76	8	050		30.31			30.40	AA		30.40
22	2353	12	CLR	10.00		43	6.1	40	4.4	36	2.2	76	7	050		30.31			30.40	AA		30.40
23	0053	12	SCT025	10.00		44	6.7	41	4.7	36	2.2	74	8	060		30.31	0	003	30.40	AA		30.40
23	0153	12	BKN027	10.00		45	7.2	41	5.2	37	2.8	74	6	050		30.33			30.42	AA		30.42
23	0253	12	OVC029	10.00		46	7.8	42	5.7	38	3.3	74	8	040		30.33			30.42	AA		30.42
23	0351	12	OVC031	10.00		46	8.0	42	5.5	37	3.0	71	8	040		30.32			M	SP		30.41
23	0353	12	OVC031	10.00		46	7.8	42	5.7	38	3.3	74	8	040		30.32	0	001	30.40	AA		30.41
23	0453	12	OVC031	10.00		46	7.8	42	5.5	37	2.8	71	10	040		30.31			30.40	AA		30.40
23	0553	12	OVC031	10.00		46	7.8	42	5.7	38	3.3	74	7	050		30.32			30.41	AA		30.41
23	0624	12	OVC029	10.00		46	8.0	42	5.5	37	3.0	71	9	040		30.33			M	SP		30.42
23	0653	12	BKN025 OVC031	10.00		46	7.8	42	5.7	38	3.3	74	8	040		30.33	3	004	30.42	AA		30.42
23	0753	12	OVC025	10.00		46	7.8	43	6.0	39	3.9	77	10	020		30.34			30.42	AA		30.43
23	0853	12	OVC020	10.00		47	8.3	43	6.3	39	3.9	74	11	030		30.33			30.42	AA		30.42
23	0953	12	FEW020 BKN029 OVC075	10.00		48	8.9	44	6.6	39	3.9	71	15	040	20	30.33	8	001	30.42	AA		30.42
23	1053	12	OVC025	10.00		49	9.4	45	7.1	40	4.4	71	15	040	22	30.30			30.39	AA		30.39
23	1153	12	OVC019	10.00		50	10.0	46	7.6	41	5.0	71	11	040		30.28			30.37	AA		30.37
23	1253	12	OVC019	10.00		49	9.4	45	7.3	41	5.0	74	14	040	20	30.25	6	024	30.34	AA		30.34
23	1353	12	OVC017	10.00		49	9.4	45	7.3	41	5.0	74	11	050	20	30.24			30.33	AA		30.33
23	1453	12	OVC015	10.00		48	8.9	45	7.0	41	5.0	77	11	040	24	30.24			30.33	AA		30.33
23	1553	12	OVC015	10.00		48	8.9	46	7.5	43	6.1	83	11	040		30.23	7	008	30.32	AA	T	30.32
23	1603	12	OVC013	10.00		48	9.0	46	7.5	43	6.0	83	10	040		30.23			M	SP		30.32
23	1653	12	OVC013	10.00		48	8.9	45	7.3	42	5.6	80	11	050	21	30.22			30.31	AA		30.31
23	1753	12	OVC011	10.00		48	8.9	46	7.5	43	6.1	83	15	050	21	30.22			30.31	AA		30.31
23	1825	12	OVC009	10.00		48	9.0	46	7.5	43	6.0	83	14	030		30.21			M	SP		30.30
23	1853	12	OVC009	10.00		48	8.9	46	7.8	44	6.7	86	15	040		30.21	6	007	30.30	AA		30.30
23	1953	12	OVC009	10.00		47	8.3	46	7.5	44	6.7	89	10	040		30.20			30.29	AA	T	30.29
23	2053	12	OVC007	10.00		47	8.3	46	7.5	44	6.7	89	11	040	22	30.18			30.27	AA		30.27
23	2153	12	OVC007	10.00		47	8.3	46	7.5	44	6.7	89	11	030	26	30.16	8	016	30.25	AA		30.25
23	2253	12	OVC007	10.00		47	8.3	46	7.5	44	6.7	89	13	030	21	30.15			30.24	AA		30.24
23	2353	12	OVC007	10.00		47	8.3	46	7.5	44	6.7	89	14	040		30.14			30.23	AA		30.23
24	0053	12	OVC007	10.00		47	8.3	46	7.5	44	6.7	89	17	030	21	30.12	6	014	30.21	AA		30.21
24	0153	12	OVC007	10.00		48	8.9	46	7.8	44	6.7	86	14	040		30.12			30.20	AA		30.21
24	0253	12	OVC007	10.00		48	8.9	47	8.0	45	7.2	89	13	040		30.10			30.19	AA		30.19
24	0353	12	OVC007	10.00		48	8.9	46	7.8	44	6.7	86	16	040	20	30.09	7	009	30.19	AA		30.18
24	0453	12	OVC007	10.00		48	8.9	46	7.8	44	6.7	86	10	030		30.09			30.18	AA		30.18
24	0544	12	SCT011 OVC035	10.00		48	9.0	47	8.0	45	7.0	89	11	030		30.10			M	SP		30.19
24	0547	12	BKN011 OVC035	10.00		48	9.0	47	8.0	45	7.0	89	14	030		30.10			M	SP		30.19
24	0553	12	BKN011 OVC035	10.00		48	8.9	46	7.8	44	6.7	86	14	030		30.10			30.19	AA		30.19
24	0651	12	OVC009	10.00		48	9.0	47	8.0	45	7.0	89	17	040		30.09			M	SP		30.18
24	0653	12	OVC009	10.00		48	8.9	46	7.8	44	6.7	86	15	040	22	30.09	0	000	30.18	AA		30.18
24	0751	12	OVC011	10.00		48	9.0	47	8.0	45	7.0	89	11	040	22	30.10			M	SP		30.19
24	0753	12	OVC011	10.00		49	9.4	47	8.1	44	6.7	83	16	030	22	30.10			30.19	AA		30.19
24	0853	12	BKN013 OVC043	10.00		49	9.4	46	7.8	43	6.1	80	16	030	21	30.11			30.20	AA		30.20
24	0953	12	BKN013 OVC042	10.00		50	10.0	47	8.3	44	6.7	80	9	030		30.12	1	009	30.21	AA		30.21
24	1053	12	BKN013 OVC042	10.00		50	10.0	47	8.3	44	6.7	80	14	040	18	30.10			30.19	AA		30.19

24	1129	12	FEW013 OVC044	10.00		52	11.0	49	9.1	45	7.0	77	10	030		30.08			M	SP		30.17
24	1153	12	FEW015 OVC044	10.00		52	11.1	49	9.1	45	7.2	77	9	040		30.07			30.16	AA		30.16
24	1253	12	OVC046	10.00		53	11.7	49	9.4	45	7.2	74	11	030		30.06	6	022	30.14	AA		30.15
24	1353	12	OVC048	10.00		54	12.2	49	9.7	45	7.2	72	10	050		30.05			30.14	AA		30.14
24	1453	12	CLR	10.00		54	12.2	49	9.4	44	6.7	69	13	030		30.05			30.14	AA		30.14
24	1553	12	CLR	10.00		53	11.7	49	9.1	44	6.7	72	7	030		30.04	6	005	30.13	AA		30.13
24	1653	12	CLR	10.00		50	10.0	47	8.1	43	6.1	77	7	030		30.05			30.14	AA		30.14
24	1753	12	CLR	10.00		49	9.4	46	7.8	43	6.1	80	6	050		30.05			30.14	AA		30.14
24	1851	12	BKN013	10.00		48	9.0	46	7.5	43	6.0	83	8	040		30.06			M	SP		30.15
24	1853	12	BKN013	10.00		49	9.4	46	7.8	43	6.1	80	7	040		30.06	2	005	30.14	AA		30.15
24	1953	12	OVC013	10.00		50	10.0	47	8.3	44	6.7	80	7	040		30.06			30.15	AA		30.15
24	2053	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	6	050		30.06			30.15	AA		30.15
24	2153	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	3	050		30.06	0	001	30.15	AA		30.15
24	2253	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	7	060		30.05			30.14	AA		30.14
24	2353	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	6	040		30.04			30.13	AA		30.13
25	0053	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	6	050		30.03	8	010	30.12	AA		30.12
25	0153	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	5	050		30.02			30.11	AA		30.11
25	0253	12	OVC011	10.00		50	10.0	48	8.6	45	7.2	83	5	020		30.03			30.12	AA		30.12
25	0353	12	OVC011	10.00		49	9.4	47	8.0	44	6.7	83	9	040		30.01	8	008	30.09	AA		30.10
25	0419	12	OVC009	10.00		48	9.0	47	8.0	45	7.0	89	3	040		30.00			M	SP		30.09
25	0453	12	OVC009	10.00		49	9.4	47	8.3	45	7.2	86	8	060		30.00			30.09	AA		30.09
25	0553	12	OVC007	10.00		49	9.4	47	8.3	45	7.2	86	8	050		29.99			30.08	AA		30.08
25	0653	12	OVC007	10.00		49	9.4	47	8.3	45	7.2	86	6	060		30.00	5	003	30.09	AA		30.09
25	0753	12	OVC007	10.00		49	9.4	47	8.3	45	7.2	86	5	050		30.00			30.09	AA		30.09
25	0853	12	OVC007	10.00		49	9.4	47	8.3	45	7.2	86	7	080		29.99			30.08	AA		30.08
25	0953	12	OVC007	10.00		50	10.0	48	8.8	46	7.8	86	5	080		29.98	8	004	30.07	AA		30.07
25	1053	12	OVC007	10.00		49	9.4	48	8.6	46	7.8	89	6	140		29.97			30.06	AA		30.06
25	1153	12	OVC007	3.00	BR	49	9.4	48	8.6	46	7.8	89	3	120		29.94			30.03	AA		30.03
25	1219	12	OVC005	2.00	BR	48	9.0	47	8.3	46	8.0	93	5	130		29.93			M	SP		30.02
25	1253	12	OVC005	2.00	BR	49	9.4	48	8.8	47	8.3	93	3	090		29.92	8	022	30.01	AA		30.01
25	1333	12	OVC005	1.50	BR	50	10.0	49	9.4	48	9.0	93	3	120		29.91			M	SP		30.00
25	1353	12	OVC005	1.75	BR	50	10.0	49	9.4	48	8.9	93	6	110		29.89			29.98	AA		29.98
25	1409	12	OVC005	2.00	BR	50	10.0	49	9.4	48	9.0	93	7	120		29.90			M	SP		29.99
25	1440	12	OVC005	3.00	BR	50	10.0	49	9.4	48	9.0	93	6	120		29.90			M	SP		29.99
25	1451	12	OVC005	2.50	BR	50	10.0	49	9.4	48	9.0	93	6	120		29.90			M	SP		29.99
25	1453	12	OVC005	2.50	BR	50	10.0	49	9.4	48	8.9	93	5	110		29.90			29.99	AA		29.99
25	1505	12	OVC003	2.50	BR	50	10.0	49	9.4	48	9.0	93	6	100		29.89			M	SP		29.98
25	1531	12	OVC005	3.00		50	10.0	49	9.4	48	9.0	93	7	100		29.89			M	SP		29.98
25	1553	12	OVC005	3.00		50	10.0	49	9.4	48	8.9	93	8	100		29.87	7	015	29.96	AA		29.96
25	1653	12	BKN005 BKN016 OVC024	10.00		50	10.0	49	9.4	48	8.9	93	7	100		29.86			29.95	AA		29.95
25	1714	12	BKN006 BKN016 OVC028	10.00		50	10.0	49	9.4	48	9.0	93	5	090		29.86			M	SP		29.95
25	1753	12	BKN006 OVC016	9.00		50	10.0	49	9.4	48	8.9	93	0	000		29.87			29.96	AA		29.96
25	1802	12	OVC006	2.50	BR	50	10.0	48	8.8	46	8.0	86	0	000		29.88			M	SP		29.97
25	1828	12	BKN004 OVC008	2.50	-RA BR	50	10.0	49	9.4	48	9.0	93	3	090		29.87			M	SP		29.96
25	1853	12	OVC004	2.50	-RA BR	50	10.0	49	9.4	48	8.9	93	0	000		29.88	3	001	29.97	AA	T	29.97
25	1953	12	OVC004	2.50	BR	49	9.4	48	9.1	48	8.9	96	5	080		29.85			29.94	AA	0.01	29.94
25	2028	12	OVC006	2.50		50	10.0	49	9.4	48	9.0	93	0	000		29.86			M	SP		29.95
25	2053	12	OVC006	2.50	BR	50	10.0	49	9.4	48	8.9	93	3	330		29.86			29.95	AA		29.95
25	2102	12	OVC004	2.50	BR	50	10.0	49	9.4	48	9.0	93	3	340		29.87			M	SP		29.96
25	2131	12	OVC006	2.50	BR	50	10.0	49	9.4	48	9.0	93	0	000		29.87			M	SP		29.96
25	2153	12	OVC004	2.50	BR	50	10.0	49	9.4	48	8.9	93	3	360		29.87	5	004	29.96	AA		29.96
25	2215	12	OVC006	2.50	BR	50	10.0	49	9.4	48	9.0	93	3	030		29.87			M	SP		29.96
25	2253	12	OVC006	7.00		50	10.0	49	9.4	48	8.9	93	3	010		29.87			29.96	AA		29.96
25	2338	12	FEW008	5.00	BR	48	9.0	47	8.3	46	8.0	93	0	000		29.85			M	SP		29.94
25	2351	12	BKN007	4.00	BR	48	9.0	47	8.3	46	8.0	93	0	000		29.85			M	SP		29.94
25	2353	12	BKN007	4.00	BR	48	8.9	48	8.6	47	8.3	96	3	010		29.85			29.94	AA		29.94
26	0044	12	OVC007	1.75	BR	46	8.0	46	7.7	46	8.0	100	0	000		29.84			M	SP		29.93
26	0053	12	OVC007	1.50	BR	48	8.9	47	8.3	46	7.8	93	0	000		29.84	8	008	29.93	AA		29.93
26	0057	12	OVC007	3.00	BR	46	8.0	46	7.7	46	8.0	100	3	020		29.84			M	SP		29.93

26	0110	12	SCT002 OVC007	1.75	BR		48	9.0	47	8.3	46	8.0	93	3	060		29.84			M	SP		29.93
26	0121	12	FEW002 OVC007	0.50	FG		48	9.0	47	8.3	46	8.0	93	0	000		29.84			M	SP		29.93
26	0139	12	BKN002 OVC007	0.25	FG		48	9.0	47	8.3	46	8.0	93	0	000		29.84			M	SP		29.93
26	0153	12	BKN002 OVC007	0.25	FG		48	8.9	48	8.6	47	8.3	96	0	000		29.85			29.93	AA		29.94
26	0227	12	VV001	0.50	FG		48	9.0	47	8.3	46	8.0	93	3	330		29.85			M	SP		29.94
26	0253	12	VV001	0.75	BR		48	8.9	48	8.6	47	8.3	96	0	000		29.85			29.94	AA		29.94
26	0320	12	OVC001	1.25	BR		48	9.0	47	8.3	46	8.0	93	0	000		29.86			M	SP		29.95
26	0351	12	OVC001	2.50	BR		48	9.0	48	8.8	48	9.0	100	3	340		29.85			M	SP		29.94
26	0353	12	OVC001	2.50	BR		49	9.4	48	8.8	47	8.3	93	3	340		29.85	1	004	29.94	AA		29.94
26	0400	12	OVC001	4.00	BR		48	9.0	47	8.3	46	8.0	93	3	340		29.85			M	SP		29.94
26	0414	12	OVC003	4.00	BR		48	9.0	47	8.3	46	8.0	93	3	320		29.85			M	SP		29.94
26	0436	12	FEW005 BKN010 OVC022	4.00	BR		48	9.0	47	8.3	46	8.0	93	0	000		29.85			M	SP		29.94
26	0453	12	BKN006 OVC012	6.00	BR		49	9.4	48	9.1	48	8.9	96	0	000		29.85			29.94	AA		29.94
26	0512	12	SCT006 OVC023	10.00			48	9.0	47	8.3	46	8.0	93	0	000		29.85			M	SP		29.94
26	0553	12	FEW006 OVC021	9.00			48	8.9	48	8.6	47	8.3	96	0	000		29.86			29.95	AA		29.95
26	0653	12	OVC021	8.00			49	9.4	48	9.1	48	8.9	96	3	120		29.86	3	003	29.95	AA		29.95
26	0753	12	OVC023	5.00	BR		49	9.4	48	9.1	48	8.9	96	0	000		29.86			29.95	AA		29.95
26	0853	12	OVC023	6.00	BR		51	10.6	50	9.9	49	9.4	93	0	000		29.86			29.95	AA		29.95
26	0915	12	FEW006 OVC023	8.00			52	11.0	50	9.9	48	9.0	86	5	350		29.85			M	SP		29.94
26	0941	12	SCT006	9.00			52	11.0	50	9.9	48	9.0	86	6	040		29.85			M	SP		29.94
26	0953	12	FEW006	10.00			52	11.1	50	10.2	49	9.4	90	5	030		29.85	6	003	29.94	AA		29.94
26	1021	12	BKN008	10.00			54	12.0	50	9.9	46	8.0	75	5	020		29.84			M	SP		29.93
26	1038	12	BKN016	10.00			54	12.0	50	9.9	46	8.0	75	5	020		29.84			M	SP		29.93
26	1053	12	OVC018	10.00			53	11.7	50	9.9	47	8.3	80	5	030		29.83			29.92	AA		29.92
26	1153	12	OVC018	10.00			54	12.2	50	9.9	46	7.8	75	0	000		29.80			29.89	AA		29.89
26	1251	12	SCT016	10.00			55	13.0	50	10.2	46	8.0	72	0	000		29.77			M	SP		29.86
26	1253	12	SCT016	10.00			56	13.3	51	10.7	47	8.3	72	0	000		29.77	8	028	29.86	AA		29.86
26	1311	12	BKN016	10.00			55	13.0	50	10.2	46	8.0	72	5	080		29.76			M	SP		29.85
26	1353	12	BKN020	10.00			55	12.8	51	10.4	47	8.3	75	0	000		29.76			29.85	AA		29.85
26	1418	12	SCT020	10.00			54	12.0	50	9.9	46	8.0	75	5	070		29.75			M	SP		29.84
26	1451	12	BKN022	10.00			54	12.0	49	9.7	45	7.0	72	5	060		29.75			M	SP		29.84
26	1453	12	BKN022	10.00			54	12.2	49	9.7	45	7.2	72	6	070		29.74			29.83	AA		29.83
26	1508	12	SCT022 BKN047	10.00			54	12.0	49	9.7	45	7.0	72	7	050		29.74			M	SP		29.83
26	1553	12	FEW020 BKN049	10.00			53	11.7	49	9.4	45	7.2	74	3	070		29.73	8	015	29.82	AA		29.82
26	1634	12	BKN018 OVC055	10.00			52	11.0	49	9.1	45	7.0	77	7	040		29.71			M	SP		29.80
26	1653	12	BKN018 OVC048	10.00			52	11.1	49	9.4	46	7.8	80	6	040		29.71			29.80	AA		29.80
26	1701	12	FEW018 OVC048	10.00			52	11.0	49	9.4	46	8.0	80	5	040		29.70			M	SP		29.79
26	1753	12	FEW016 BKN045 OVC060	10.00			50	10.0	47	8.3	44	6.7	80	5	040		29.69			29.78	AA		29.78
26	1853	12	SCT013 BKN060	10.00			49	9.4	47	8.0	44	6.7	83	7	070		29.67	6	020	29.76	AA		29.76
26	1904	12	BKN013 BKN060	10.00			50	10.0	48	8.6	45	7.0	83	7	080		29.67			M	SP		29.76
26	1953	12	OVC013	10.00			50	10.0	48	8.8	46	7.8	86	5	050		29.65			29.74	AA		29.74
26	2053	12	OVC011	10.00			51	10.6	48	9.1	46	7.8	83	3	040		29.63			29.72	AA		29.72
26	2153	12	OVC011	10.00			51	10.6	48	9.1	46	7.8	83	10	040		29.60	8	023	29.69	AA		29.69
26	2253	12	OVC011	10.00			50	10.0	48	8.6	45	7.2	83	9	040		29.57			29.66	AA		29.66
26	2330	12	OVC009	10.00			50	10.0	48	8.8	46	8.0	86	9	030		29.55			M	SP		29.64
26	2353	12	OVC009	10.00			50	10.0	48	8.6	45	7.2	83	8	030		29.55			29.64	AA		29.64
27	0003	12	OVC011	10.00			50	10.0	48	8.6	45	7.0	83	9	030		29.54			M	SP		29.63
27	0053	12	BKN011 OVC043	10.00			50	10.0	48	8.6	45	7.2	83	8	040		29.52	6	027	29.61	AA		29.61
27	0121	12	OVC009	9.00	-RA		48	9.0	47	8.3	46	8.0	93	5	020		29.51			M	SP		29.60
27	0153	12	OVC007	8.00	-RA		49	9.4	48	8.6	46	7.8	89	8	010		29.49			29.58	AA	0.01	29.58
27	0253	12	OVC007	10.00	-RA		48	8.9	47	8.3	46	7.8	93	10	020		29.47			29.55	AA	T	29.56
27	0353	12	OVC007	10.00	-RA		48	8.9	47	8.3	46	7.8	93	7	340		29.44	6	025	29.53	AA	0.02	29.53
27	0453	12	OVC009	7.00	-RA		48	8.9	47	8.0	45	7.2	89	9	360		29.43			29.52	AA	0.03	29.52
27	0514	12	OVC011	10.00	-RA		46	8.0	46	7.5	45	7.0	96	11	020		29.42			M	SP		29.51
27	0526	12	OVC009	10.00			46	8.0	46	7.5	45	7.0	96	13	010		29.41			M	SP		29.50
27	0535	12	OVC011	10.00			46	8.0	46	7.5	45	7.0	96	10	010		29.41			M	SP		29.50
27	0553	12	OVC011	10.00			47	8.3	46	7.5	44	6.7	89	11	010		29.40			29.49	AA	T	29.49
27	0621	12	OVC009	10.00			46	8.0	46	7.5	45	7.0	96	11	360		29.38			M	SP		29.47
27	0653	12	OVC009	10.00			47	8.3	45	7.2	43	6.1	86	6	310		29.40	5	015	29.49	AA		29.49

27	0716	12	OVC011	9.00	-RA	46	8.0	45	6.9	43	6.0	89	10	340		29.39			M	SP		29.48
27	0753	12	OVC013	10.00	-RA	46	7.8	44	6.7	42	5.6	86	9	340		29.37			29.46	AA	0.01	29.46
27	0801	12	OVC015	10.00	-RA	46	8.0	45	6.9	43	6.0	89	10	340	17	29.37			M	SP		29.46
27	0853	12	OVC018	9.00	-RA	46	7.8	44	6.7	42	5.6	86	11	340	20	29.36			29.44	AA	T	29.45
27	0924	12	BKN011 OVC020	4.00	-RA BR	46	8.0	45	6.9	43	6.0	89	8	330		29.36			M	SP		29.45
27	0953	12	OVC013	4.00	-RA BR	46	7.8	45	6.9	43	6.1	89	10	340	20	29.35	6	016	29.44	AA	0.03	29.44
27	1002	12	BKN009 BKN014 OVC027	3.00	-RA BR	45	7.0	44	6.6	43	6.0	93	9	340	18	29.35			M	SP		29.44
27	1049	12	SCT011 BKN016 OVC038	8.00	-RA	46	8.0	45	6.9	43	6.0	89	9	340	18	29.32			M	SP		29.41
27	1051	12	BKN014 BKN029 OVC038	8.00	-RA	46	8.0	45	6.9	43	6.0	89	11	330		29.32			M	SP		29.41
27	1053	12	BKN014 BKN029 OVC038	8.00	-RA	46	7.8	45	6.9	43	6.1	89	11	330		29.32			29.41	AA	0.02	29.41
27	1117	12	SCT012 BKN031 OVC038	10.00	-RA	46	8.0	45	6.9	43	6.0	89	10	340	22	29.31			M	SP		29.40
27	1128	12	SCT012 BKN017 OVC038	10.00	-RA	46	8.0	45	6.9	43	6.0	89	10	330		29.30			M	SP		29.39
27	1143	12	BKN014 OVC034	10.00	-RA	46	8.0	44	6.4	41	5.0	83	14	330	23	29.29			M	SP		29.38
27	1151	12	SCT016 OVC034	10.00		46	8.0	44	6.4	41	5.0	83	14	340	23	29.29			M	SP		29.38
27	1153	12	FEW011 SCT016 OVC034	10.00		46	7.8	44	6.4	41	5.0	83	15	340	23	29.29			29.37	AA	T	29.38
27	1203	12	FEW016 BKN026 OVC034	10.00		46	8.0	44	6.4	41	5.0	83	13	340	20	29.28			M	SP		29.37
27	1253	12	BKN021 OVC029	10.00		47	8.3	44	6.7	41	5.0	80	9	320		29.26	6	020	29.35	AA		29.35
27	1351	12	SCT029 OVC035	10.00		48	9.0	43	6.1	37	3.0	66	10	300	17	29.25			M	SP		29.34
27	1353	12	SCT029 OVC035	10.00		48	8.9	43	6.3	38	3.3	68	13	300	18	29.25			29.34	AA		29.34
27	1453	12	OVC041	10.00		48	8.9	42	5.4	34	1.1	59	16	320	30	29.26			29.35	AA		29.35
27	1553	12	SCT060 BKN100	10.00		47	8.3	41	4.7	32	0.0	56	13	310	23	29.29	3	008	29.38	AA		29.38
27	1653	12	BKN070	10.00		46	7.8	40	4.4	32	0.0	58	13	300	24	29.30			29.39	AA		29.39
27	1753	12	FEW080	10.00		44	6.7	39	3.6	31	-0.6	60	22	310	31	29.31			29.39	AA		29.40
27	1853	12	CLR	10.00		45	7.2	38	3.5	29	-1.7	54	13	300	29	29.31	1	009	29.40	AA		29.40
27	1953	12	CLR	10.00		44	6.7	37	2.8	27	-2.8	51	17	300	30	29.32			29.41	AA		29.41
27	2053	12	CLR	10.00		44	6.7	37	2.8	27	-2.8	51	18	300	37	29.34			29.42	AA		29.43
27	2153	12	FEW095 BKN120	10.00		44	6.7	37	2.8	27	-2.8	51	20	290	34	29.34	1	008	29.43	AA		29.43
27	2253	12	FEW090	10.00		44	6.7	37	2.6	26	-3.3	49	21	290	30	29.34			29.43	AA		29.43
27	2353	12	FEW075 SCT095	10.00		43	6.1	37	2.5	27	-2.8	53	18	280	28	29.34			29.43	AA		29.43
28	0053	12	OVC095	10.00		43	6.1	37	2.5	27	-2.8	53	14	290	28	29.33	8	002	29.42	AA		29.42
28	0153	12	CLR	10.00		43	6.1	37	2.7	28	-2.2	56	13	280	23	29.34			29.43	AA		29.43
28	0253	12	SCT041	10.00		44	6.7	38	3.4	30	-1.1	58	20	280	31	29.33			29.42	AA		29.42
28	0353	12	BKN039	10.00		45	7.2	39	4.1	32	0.0	60	20	290	30	29.33	8	000	29.42	AA		29.42
28	0453	12	BKN047	10.00		47	8.3	41	4.7	32	0.0	56	22	290	32	29.34			29.43	AA		29.43
28	0553	12	BKN048 BKN060	10.00		47	8.3	41	4.7	32	0.0	56	20	300	36	29.37			29.46	AA		29.46
28	0653	12	BKN045 OVC055	10.00		48	8.9	41	4.8	31	-0.6	52	17	290	33	29.41	3	026	29.50	AA		29.50
28	0753	12	CLR	10.00		47	8.3	41	4.7	32	0.0	56	16	300	34	29.44			29.53	AA		29.53
28	0853	12	CLR	10.00		48	8.9	41	4.8	31	-0.6	52	18	310	39	29.49			29.58	AA		29.58
28	0953	12	CLR	10.00		50	10.0	42	5.4	31	-0.6	48	18	300	32	29.52	3	039	29.61	AA		29.61
28	1053	12	CLR	10.00		51	10.6	42	5.5	30	-1.1	45	15	310	40	29.53			29.62	AA		29.62
28	1153	12	FEW049	10.00		51	10.6	42	5.5	30	-1.1	45	15	320	36	29.54			29.63	AA		29.63
28	1253	12	CLR	10.00		52	11.1	42	5.6	29	-1.7	41	20	310	34	29.56	3	011	29.65	AA		29.65
28	1353	12	CLR	10.00		51	10.6	42	5.3	29	-1.7	43	17	300	32	29.58			29.67	AA		29.67
28	1453	12	CLR	10.00		50	10.0	41	4.8	28	-2.2	43	18	300	29	29.60			29.69	AA		29.69
28	1553	12	CLR	10.00		50	10.0	41	5.0	29	-1.7	44	14	300	21	29.65	3	030	29.73	AA		29.74
28	1653	12	CLR	10.00		47	8.3	39	3.9	28	-2.2	48	14	310	21	29.67			29.75	AA		29.76
28	1753	12	CLR	10.00		47	8.3	40	4.1	29	-1.7	50	8	300	20	29.69			29.78	AA		29.78
28	1853	12	CLR	10.00		46	7.8	39	3.8	29	-1.7	52	7	310		29.71	1	020	29.80	AA		29.80
28	1953	12	CLR	10.00		46	7.8	39	3.8	29	-1.7	52	9	300		29.73			29.82	AA		29.82
28	2053	12	CLR	10.00		46	7.8	39	3.8	29	-1.7	52	6	300	16	29.75			29.83	AA		29.84
28	2153	12	CLR	10.00		45	7.2	39	3.7	30	-1.1	56	6	310		29.75	1	014	29.84	AA		29.84
28	2253	12	CLR	10.00		44	6.7	38	3.4	30	-1.1	58	10	290		29.76			29.85	AA		29.85
28	2353	12	CLR	10.00		43	6.1	38	3.1	30	-1.1	60	10	280		29.78			29.86	AA		29.87
29	0053	12	CLR	10.00		43	6.1	38	3.1	30	-1.1	60	8	270		29.77	0	008	29.86	AA		29.86
29	0153	12	CLR	10.00		41	5.0	37	2.5	30	-1.1	65	5	250		29.79			29.88	AA		29.88
29	0253	12	CLR	10.00		40	4.4	36	2.4	31	-0.6	70	8	260		29.80			29.89	AA		29.89
29	0353	12	CLR	10.00		40	4.4	36	2.4	31	-0.6	70	9	280		29.81	1	013	29.90	AA		29.90
29	0453	12	CLR	10.00		40	4.4	36	2.0	29	-1.7	65	6	290		29.82			29.91	AA		29.91
29	0553	12	CLR	10.00		37	2.8	34	1.0	29	-1.7	73	0	000		29.83			29.92	AA		29.92

29	0653	12	CLR	10.00		35	1.7	33	0.3	29	-1.7	79	3	230		29.85	3	013	29.94	AA		29.94
29	0753	12	CLR	10.00		37	2.8	34	1.2	30	-1.1	76	3	160		29.86			29.94	AA		29.95
29	0853	12	CLR	10.00		43	6.1	38	3.3	31	-0.6	63	6	240		29.87			29.96	AA		29.96
29	0953	12	CLR	10.00		48	8.9	40	4.6	30	-1.1	50	5	240		29.86	0	003	29.95	AA		29.95
29	1053	12	CLR	10.00		51	10.6	43	5.9	32	0.0	48	9	230		29.84			29.93	AA		29.93
29	1153	12	CLR	10.00		51	10.6	42	5.7	31	-0.6	46	15	220		29.82			29.91	AA		29.91
29	1253	12	CLR	10.00		52	11.1	44	6.4	33	0.6	49	9	210		29.80	8	020	29.89	AA		29.89
29	1353	12	CLR	10.00		53	11.7	44	6.6	33	0.6	47	8	210		29.78			29.87	AA		29.87
29	1453	12	CLR	10.00		54	12.2	46	7.8	37	2.8	53	10	200		29.76			29.85	AA		29.85
29	1553	12	CLR	10.00		53	11.7	47	8.4	41	5.0	64	7	220		29.75	6	016	29.84	AA		29.84
29	1653	12	CLR	10.00		50	10.0	47	8.3	44	6.7	80	6	200		29.74			29.83	AA		29.83
29	1753	12	CLR	10.00		50	10.0	47	8.3	44	6.7	80	6	210		29.74			29.83	AA		29.83
29	1853	12	CLR	10.00		51	10.6	48	8.9	45	7.2	80	9	220		29.73	6	008	29.82	AA		29.82
29	1953	12	CLR	10.00		52	11.1	48	8.9	44	6.7	74	8	220		29.71			29.80	AA		29.80
29	2053	12	CLR	10.00		50	10.0	48	8.8	46	7.8	86	7	210		29.70			29.79	AA		29.79
29	2153	12	CLR	10.00		52	11.1	49	9.4	46	7.8	80	9	210		29.69	6	014	29.78	AA		29.78
29	2253	12	CLR	10.00		53	11.7	49	9.1	44	6.7	72	9	210		29.67			29.76	AA		29.76
29	2353	12	CLR	10.00		52	11.1	49	9.1	45	7.2	77	8	210		29.65			29.74	AA		29.74
30	0053	12	BKN100	10.00		53	11.7	49	9.4	45	7.2	74	9	200		29.63	8	019	29.72	AA		29.72
30	0153	12	BKN100	10.00		53	11.7	49	9.1	44	6.7	72	10	210		29.62			29.71	AA		29.71
30	0253	12	BKN110	10.00		52	11.1	48	8.6	43	6.1	72	9	220		29.59			29.68	AA		29.68
30	0353	12	CLR	10.00		52	11.1	48	8.6	43	6.1	72	8	210		29.57	8	021	29.66	AA		29.66
30	0453	12	CLR	10.00		52	11.1	48	8.9	44	6.7	74	9	220		29.57			29.66	AA		29.66
30	0553	12	CLR	10.00		52	11.1	48	8.6	43	6.1	72	7	220		29.56			29.65	AA		29.65
30	0653	12	OVC095	10.00		53	11.7	48	8.9	43	6.1	69	9	250		29.57	8	001	29.65	AA		29.66
30	0753	12	CLR	10.00		52	11.1	48	8.6	43	6.1	72	8	220		29.56			29.65	AA		29.65
30	0853	12	FEW060 OVC090	10.00		54	12.2	49	9.4	44	6.7	69	7	230		29.57			29.65	AA		29.66
30	0953	12	BKN070 OVC095	10.00		54	12.2	49	9.1	43	6.1	67	9	220		29.55	8	004	29.65	AA		29.64
30	1053	12	OVC070	10.00		54	12.2	49	9.4	44	6.7	69	8	230		29.54			29.63	AA		29.63
30	1153	12	OVC065	10.00	-RA	53	11.7	49	9.4	45	7.2	74	6	250		29.52			29.61	AA	T	29.61
30	1253	12	FEW042 OVC049	4.00	-RA BR	51	10.6	49	9.4	47	8.3	86	3	260		29.51	6	014	29.60	AA	0.04s	29.60
30	1333	12	FEW013 BKN018 OVC031	5.00	-RA BR	52	11.0	50	9.9	48	9.0	86	8	300		29.50			M	SP		29.59
30	1353	12	FEW011 BKN018 OVC037	7.00	-RA	51	10.6	48	9.1	46	7.8	83	10	320		29.52			29.61	AA	0.03	29.61
30	1407	12	FEW011 BKN030 OVC048	7.00	-RA	50	10.0	48	8.8	46	8.0	86	7	320		29.53			M	SP		29.62
30	1418	12	BKN015 BKN030 OVC048	6.00	-RA BR	48	9.0	47	8.0	45	7.0	89	11	320	17	29.54			M	SP		29.63
30	1426	12	SCT015 BKN039 OVC048	7.00	-RA	48	9.0	46	7.5	43	6.0	83	11	320		29.53			M	SP		29.62
30	1453	12	OVC039	9.00	-RA	46	7.8	44	6.4	41	5.0	83	8	330		29.53			29.62	AA	0.05	29.62
30	1553	12	OVC044	10.00	-RA	46	7.8	44	6.4	41	5.0	83	7	330		29.54	3	008	29.63	AA	T	29.63
30	1637	12	BKN018 OVC050	7.00	-RA	45	7.0	44	6.6	43	6.0	93	6	320		29.57			M	SP		29.66
30	1653	12	BKN018 OVC050	9.00	-RA	45	7.2	44	6.4	42	5.6	89	6	320		29.57			29.66	AA	0.03	29.66
30	1753	12	OVC016	10.00	-RA	45	7.2	43	6.1	41	5.0	86	3	320		29.60			29.69	AA	0.01	29.69
30	1830	12	SCT027 BKN032 OVC041	10.00	-RA	45	7.0	43	6.1	41	5.0	86	3	330		29.59			M	SP		29.68
30	1853	12	OVC032	10.00		44	6.7	43	5.8	41	5.0	89	6	300		29.61	1	025	29.70	AA	T	29.70
30	1953	12	OVC036	10.00		44	6.7	42	5.4	39	3.9	83	6	310		29.61			29.70	AA		29.70
30	2053	12	SCT029 BKN035 OVC048	10.00		44	6.7	41	4.9	37	2.8	77	8	310		29.63			29.72	AA		29.72
30	2102	12	BKN027 OVC035	10.00		45	7.0	41	5.0	36	2.0	71	10	330		29.62			M	SP		29.71
30	2145	12	OVC031	10.00		43	6.0	40	4.4	36	2.0	76	9	340		29.64			M	SP		29.73
30	2153	12	OVC031	10.00		43	6.1	40	4.1	35	1.7	73	8	340		29.65	3	013	29.74	AA		29.74
30	2236	12	OVC029	10.00		43	6.0	39	3.9	34	1.0	71	10	350		29.64			M	SP		29.73
30	2253	12	OVC025	10.00		43	6.1	39	3.9	34	1.1	71	8	340		29.65			29.74	AA		29.74
30	2353	12	OVC029	10.00		42	5.6	37	3.0	31	-0.6	65	11	350		29.67			29.76	AA		29.76

Dynamically generated Tue Feb 08 11:53:25 EST 2011 via http://cdo.ncdc.noaa.gov/qclcd/QCLCD