NOISE IMPACT ANALYSIS

GLENDALE COMMUNITY COLLEGE DISTRICT

2019 FACILITIES MASTER PLAN UPDATED TO THE 2015 MASTER PLAN

CITY OF GLENDALE

Lead Agency:

Glendale Community College District
1500 N Verdugo Road
Glendale, CA 91208

Prepared by:

Vista Environmental
1021 Didrickson Way
Laguna Beach, California 92651
949 510 5355
Greg Tonkovich, AICP

Project No. 17008

December 3, 2020

TABLE OF CONTENTS

1.0 Introduction 1

1.1 Purpose of Analysis and Study Objectives 1
1.2 Proposed Project Description 1
1.3 Standard Noise Regulatory Conditions 3
1.4 Summary of Analysis Results 3
1.5 Mitigation Measures for the Proposed Project 4

2.0 Noise Fundamentals 8

2.1 Noise Descriptors 8
2.2 Tone Noise 8
2.3 Noise Propagation 8
2.4 Ground Absorption 9

3.0 Ground-Borne Vibration Fundamentals 10

3.1 Vibration Descriptors 10
3.2 Vibration Perception 10
3.3 Vibration Propagation 10

4.0 Regulatory Setting 11

4.1 Federal Regulations 11
4.2 State Regulations 12
4.3 Local Regulations 13

5.0 Existing Noise Conditions 17

5.1 Noise Measurement Equipment 17
5.2 Noise Measurement Results 17

6.0 Modeling Parameters and Assumptions 20

6.1 Construction Noise 20
6.2 Operational Noise 22
6.2 Vibration 25

7.0 Impact Analysis 27

7.1 CEQA Thresholds of Significance 27
7.2 Generation of Noise Levels in Excess of Standards 27
7.3 Generation of Excessive Groundborne Vibration 33
7.4 Aircraft Noise 34

8.0 References 35

TABLE OF CONTENTS CONTINUED

APPENDICES

Appendix A – Field Noise Measurements Photo Index

Appendix B – Field Noise Measurements Printouts

Appendix C – RCNM Model Verdugo Campus Construction Noise Calculations

Appendix D – RCNM Model Garfield Campus Construction Noise Calculations

Appendix E – RCNM Model Montrose Campus Construction Noise Calculations

Appendix F – FHWA Model Traffic Noise Calculations Printouts

Appendix G – FHWA Model Onsite Traffic Noise Calculations Printouts

LIST OF FIGURES

Figure 1 – 2025 Facilities Master Site Plan for the Verdugo Campus 5
Figure 2 – 2025 Facilities Master Site Plan for the Garfield Campus 6
Figure 3 – 2025 Facilities Master Site Plan for the Montrose Campus 7
Figure 3 – Field Noise Measurements Graph 19

LIST OF TABLES

Table A – Summary of 2019 Facilities Master Plan Update 1
Table B – FTA Project Effects on Cumulative Noise Exposure 11
Table C – FTA Construction Noise Criteria 12
Table D – Existing (Ambient) Noise Level Measurements 18
Table E – Verdugo Campus Construction Equipment Noise Emissions and Usage Factors 20
Table F – Garfield Campus Construction Equipment Noise Emissions and Usage Factors 21
Table G – Montrose Campus Construction Equipment Noise Emissions and Usage Factors 22
Table H – FHWA Model Roadway Parameters 23
Table I – Average Daily Traffic Volumes 24
Table J – Roadway Vehicle Mixes 25
Table K – Vibration Source Levels for Construction Equipment 26
Table L – Worst-Case Construction Noise Levels at Nearest Offsite Residences 28
Table M – Existing Conditions Project Traffic Noise Contributions 30
Table N – Future Year 2023 Conditions Project Traffic Noise Contributions 31
Table O – Future Year 2025 Conditions Project Traffic Noise Contributions 31
Table P – Onsite Operational Noise Levels at the Nearby Sensitive Receptors to Each Campus 32

ACRONYMS AND ABBREVIATIONS

ANSI	American National Standards Institute
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
City	City of Glendale
CNEL	Community Noise Equivalent Level
dB	Decibel
dBA	A-weighted decibels
DOT	Department of Transportation
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
EPA	Environmental Protection Agency
FTES	Full Time Equivalent Students
Hz	Hertz
Ldn	Day-night average noise level
Leq	Equivalent sound level
Lmax	Maximum noise level
ONAC	Federal Office of Noise Abatement and Control
OSB	Oriented Strand Board
OSHA	Occupational Safety and Health Administration
PPV	Peak particle velocity
RMS	Root mean square
SEL	Single Event Level or Sound Exposure Level
STC	Sound Transmission Class
VdB	Vibration velocity level in decibels

1.0 INTRODUCTION

1.1 Purpose of Analysis and Study Objectives

This Noise Impact Analysis has been prepared to determine the noise impacts associated with the proposed Glendale Community College District 2019 Facilities Master Plan Update to the 2015 Master Plan project (proposed project). The following is provided in this report:

- A description of the study area and the proposed project;
- Information regarding the fundamentals of noise;
- Information regarding the fundamentals of vibration;
- A description of the local noise guidelines and standards;
- An evaluation of the current noise environment;
- An analysis of the potential short-term construction-related noise impacts from the proposed project; and,
- An analysis of long-term operations-related noise impacts from the proposed project.

1.2 Proposed Project Description

The objective of the 2019 Facilities Master Plan Update to the 2015 Facilities Master Plan is to provide a long-range plan for the development of facilities to support GCCD's vision, mission, and goals. The Master Plan Update recommends site and facilities improvements for the three GCCD campuses: the historic Verdugo Campus, the Garfield Campus, and the Montrose Campus. The Master Plan Update quantifies planning data to forecast projected space needs that are aligned with GCCD's educational planning for existing and future programs. A summary of the proposed improvements are shown in Table A and more detailed descriptions of the improvements to each of the three campuses are provided below.

Table A – Summary of 2019 Facilities Master Plan Update

Campus	Demolition (square feet)	Renovation (square feet)	New Construction (square feet)	Changes in FTES[2]
Verdugo	170,387	228,853	52,443	0
Garfield	36,000	43,090	0	0
Montrose (PDC)	36,000	21,559	17,611	+1,000

Notes:
[1] FTES: Full Time Equivalent Students
Source: CGCD 2015 Master Plan Update Project Description May 1, 2020

Verdugo Campus

The Verdugo Campus is located at located at 1500 North Verdugo Road in the City of Glendale. The Verdugo Campus is built on the terraced hillside of the San Rafael Hills in Verdugo Canyon. The Campus is bordered by Campus Way and residential uses to the north, State Route 2 to the east, Mountain Street to the south and Verdugo Road to the west.

The proposed Verdugo Campus improvements would result in 228,853 square feet of building renovations, 52,443 square feet of new construction, and 170,387 square feet of demolition. In addition, the proposed improvements would add 650 parking spaces to the Verdugo Campus. The number of full-time equivalent students (FTES) of the Verdugo Campus in 2017-2018 was 11,853. The number of FTES is anticipated to remain at 11,800 with the proposed improvements. The 2025 Facilities Master Site Plan for the Verdugo Campus is shown in Figure 1.

Nearest Sensitive Receptors to Verdugo Campus

The nearest sensitive receptors are multi-family residences located adjacent to the north side of the Verdugo Campus, which are also adjacent to the north side of Campus Way. The nearest school to the project site is Verdugo Woodlands Elementary School that is located approximately 0.4 mile to the north of the Verdugo Campus.

Garfield Campus

The Garfield Campus is located at 1122 Garfield Avenue, Glendale, and sits in an urban neighborhood not far from Glendale's commercial center. The Garfield Campus is situated on a fairly level site within a dense, low-rise urban neighborhood consisting of mixed land uses, including single- and multi-family residences, retail and office commercial buildings, churches, and schools. The Garfield Campus is bordered by Garfield Avenue to the north, single- and multi-family residences to the east and south, and Adams Street to the west.

The proposed Garfield Campus improvements would result in 43,090 square feet of building renovation and approximately 36,000 square feet of demolition. The Garfield campus number of FTES in 2017-2018 at 2,929 and the number is expected to remain approximately the same with the improvements. The 2025 Facilities Master Site Plan for the Garfield Campus is shown in Figure 2.

Nearest Sensitive Receptors to Garfield Campus

The nearest sensitive receptors are single-family homes located as near as 60 feet west and south of the Garfield Campus. The nearest school to the project site is John Muir Elementary School that is located approximately 100 feet east of the Garfield Campus.

Montrose Campus

The Montrose Campus is located at 2340 Honolulu Avenue, Montrose, which is within the City of Glendale. The Montrose Campus is approximately 0.6 mile west of State Route 2 (SR-2 or Glendale Freeway) and approximately 0.4 mile south of Interstate 210 (I-210). The Montrose Campus sits on the main street of Montrose's walkable town center, among neighborhood shops and restaurants. The Montrose campus includes the building at 2340 Honolulu Avenue, also known as the Professional Development Center (PDC), as well as the parking lot behind the building, and the recently acquired property at 2350 Honolulu Avenue. The Campus is bounded by Honolulu Avenue to the north, commercial uses to the east, single-family residential uses and Broadview Drive to the south, and Wickham Way to the west.

The proposed Montrose Campus improvements would result in 21,559 square feet of building renovations and 17,611 square feet of new construction. In addition, the proposed projects at the Montrose Campus would add up to approximately 100 parking spaces to the Campus. The improvements would result in an

additional 1,000 FTES. The traffic analysis focuses on the build-out year of 1,000 FTES. The 2025 Facilities Master Site Plan for the Montrose Campus is shown in Figure 3.

Nearest Sensitive Receptors to Montrose Campus

The nearest sensitive receptors are single-family residences located adjacent to the south side of the Montrose Campus. The nearest school to the project site is John C. Fremont Elementary School that is located approximately 0.5 mile to the south of the Montrose Campus.

1.3 Standard Noise Regulatory Conditions

The proposed project will be required to comply with the following regulatory conditions from the City of Glendale and State of California.

City of Glendale Municipal Code

The following lists the noise and vibration regulations from the Municipal Code that are applicable, but not limited to the proposed project.

- Section 8.36.040 Exterior Noise Standards at Nearby Residential Uses
- Section 8.36.080 Construction Noise
- Section 8.36.090 Construction Equipment
- Section 8.36.210 Vibration

State of California Rules

The following lists the State of California noise regulations that are applicable, but not limited to the proposed project.

- California Vehicle Code Section 2700-27207 – On Road Vehicle Noise Limits
- California Vehicle Code Section 38365-38350 – Off-Road Vehicle Noise Limits

1.4 Summary of Analysis Results

The following is a summary of the proposed project's impacts with regard to the State CEQA Guidelines noise checklist questions.

Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less than significant impact.

Generation of excessive groundborne vibration or groundborne noise levels?

Potentially significant impact. Implementation of Mitigation Measure 1 would reduce the impact to less than significant levels.

For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Less than significant impact.

1.5 Mitigation Measures for the Proposed Project

This analysis found that through adherence to the noise and vibration regulations detailed in Section 1.3 above and through implementation of the following mitigation all noise and vibration impacts would be reduced to less than significant levels.

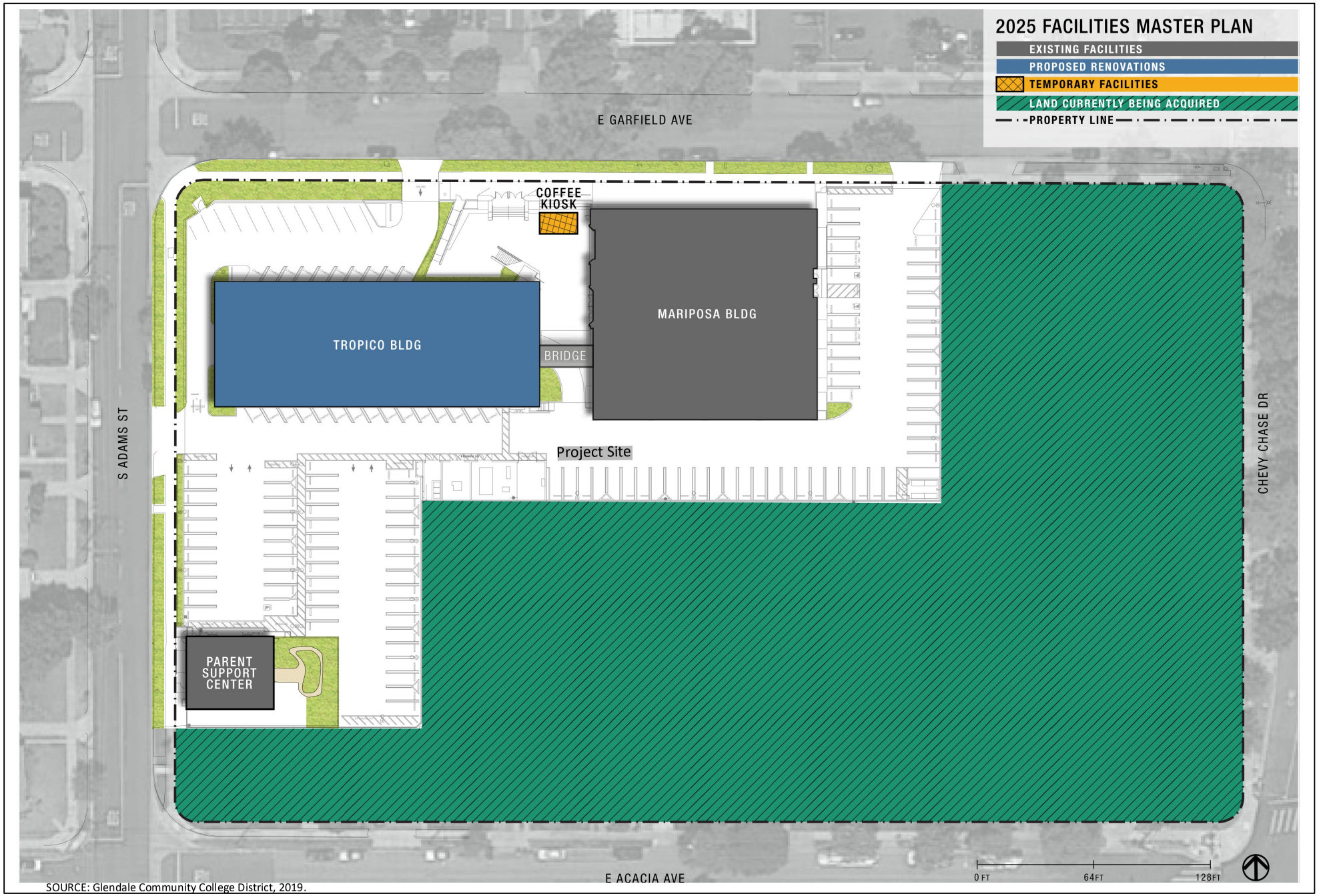
Mitigation Measure 1:

The project applicant shall restrict all contractors from operating any off-road construction equipment that is 150 horsepower or greater within 50 feet of the homes adjacent to the Verdugo Campus and Montrose Campus in order to limit construction-related vibration levels to below the City's 0.01 inch per second rms threshold.

SOURCE: Glendale Community College District, 2019.

VISTA ENVIRONMENTAL

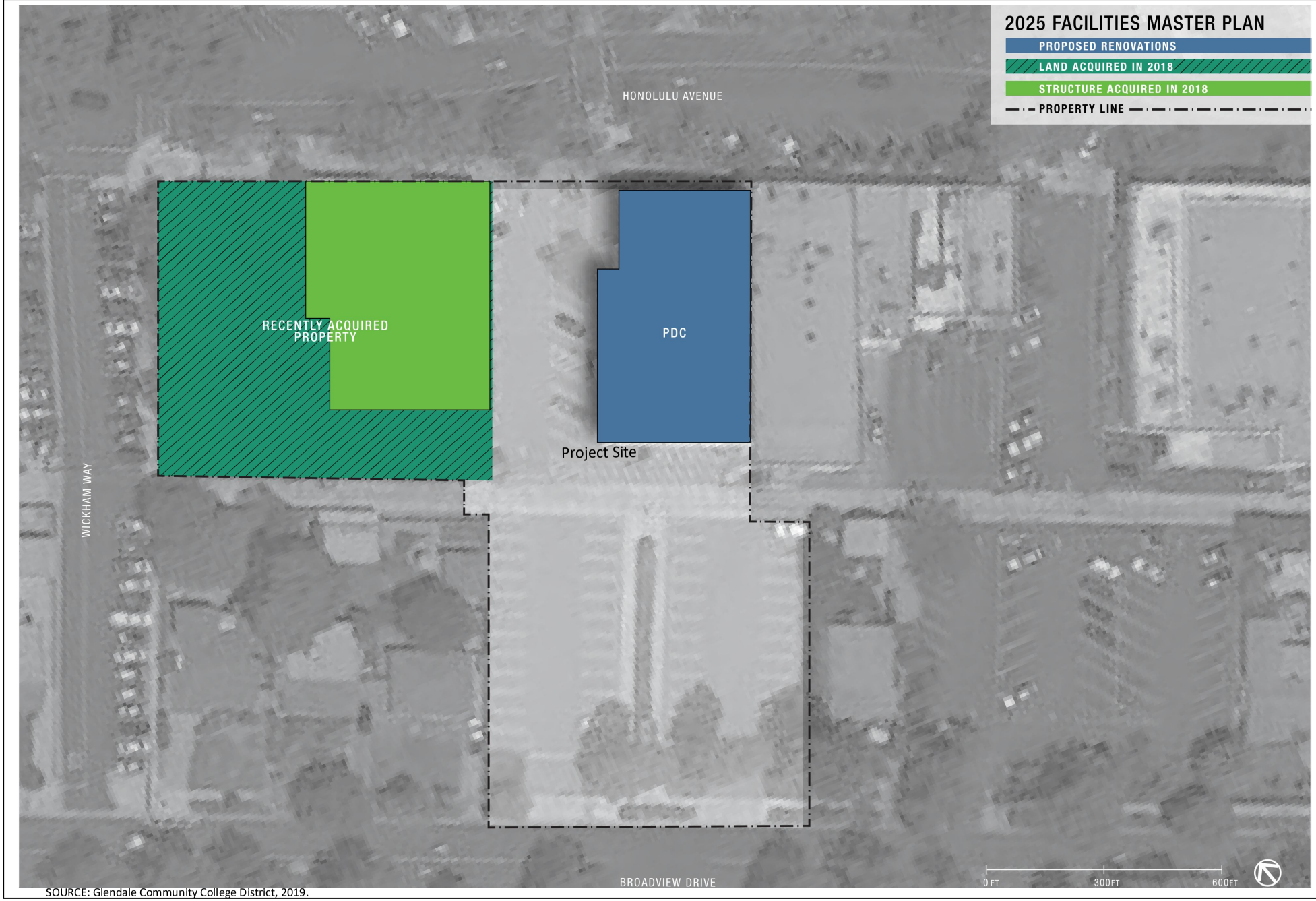
Figure 1
2025 Facilities Master Site Plan for the Verdugo Campus



SOURCE: Glendale Community College District, 2019.

VISTA ENVIRONMENTAL

Figure 2
2025 Facilities Master Site Plan for the Garfield Campus



SOURCE: Glendale Community College District, 2019.

VISTA ENVIRONMENTAL

Figure 3
2025 Facilities Master Site Plan for the Montrose Campus

2.0 NOISE FUNDAMENTALS

Noise is defined as unwanted sound. Sound becomes unwanted when it interferes with normal activities, when it causes actual physical harm or when it has adverse effects on health. Sound is produced by the vibration of sound pressure waves in the air. Sound pressure levels are used to measure the intensity of sound and are described in terms of decibels. The decibel (dB) is a logarithmic unit which expresses the ratio of the sound pressure level being measured to a standard reference level. A-weighted decibels (dBA) approximate the subjective response of the human ear to a broad frequency noise source by discriminating against very low and very high frequencies of the audible spectrum. They are adjusted to reflect only those frequencies which are audible to the human ear.

2.1 Noise Descriptors

Noise Equivalent sound levels are not measured directly, but are calculated from sound pressure levels typically measured in A-weighted decibels (dBA). The equivalent sound level (Leq) represents a steady state sound level containing the same total energy as a time varying signal over a given sample period. The peak traffic hour Leq is the noise metric used by California Department of Transportation (Caltrans) for all traffic noise impact analyses.

The Day-Night Average Level (Ldn) is the weighted average of the intensity of a sound, with corrections for time of day, and averaged over 24 hours. The time of day corrections require the addition of ten decibels to sound levels at night between 10 p.m. and 7 a.m. While the Community Noise Equivalent Level (CNEL) is similar to the Ldn, except that it has another addition of 4.77 decibels to sound levels during the evening hours between 7 p.m. and 10 p.m. These additions are made to the sound levels at these time periods because during the evening and nighttime hours, when compared to daytime hours, there is a decrease in the ambient noise levels, which creates an increased sensitivity to sounds. For this reason, the sound appears louder in the evening and nighttime hours and is weighted accordingly. The City of Glendale relies on the CNEL noise standard to assess transportation-related impacts on noise sensitive land uses.

2.2 Tone Noise

A pure tone noise is a noise produced at a single frequency and laboratory tests have shown that humans are more perceptible to changes in noise levels of a pure tone. For a noise source to contain a “pure tone,” there must be a significantly higher A-weighted sound energy in a given frequency band than in the neighboring bands, thereby causing the noise source to “stand out” against other noise sources. A pure tone occurs if the sound pressure level in the one-third octave band with the tone exceeds the average of the sound pressure levels of the two contiguous one-third octave bands by:

- 5 dB for center frequencies of 500 hertz (Hz) and above
- 8 dB for center frequencies between 160 and 400 Hz
- 15 dB for center frequencies of 125 Hz or less

2.3 Noise Propagation

From the noise source to the receiver, noise changes both in level and frequency spectrum. The most obvious is the decrease in noise as the distance from the source increases. The manner in which noise

reduces with distance depends on whether the source is a point or line source as well as ground absorption, atmospheric effects and refraction, and shielding by natural and manmade features. Sound from point sources, such as air conditioning condensers, radiate uniformly outward as it travels away from the source in a spherical pattern. The noise drop-off rate associated with this geometric spreading is 6 dBA per each doubling of the distance (dBA/DD). Transportation noise sources such as roadways are typically analyzed as line sources, since at any given moment the receiver may be impacted by noise from multiple vehicles at various locations along the roadway. Because of the geometry of a line source, the noise drop-off rate associated with the geometric spreading of a line source is 3 dBA/DD.

2.4 Ground Absorption

The sound drop-off rate is highly dependent on the conditions of the land between the noise source and receiver. To account for this ground-effect attenuation (absorption), two types of site conditions are commonly used in traffic noise models, soft-site and hard-site conditions. Soft-site conditions account for the sound propagation loss over natural surfaces such as normal earth and ground vegetation. For point sources, a drop-off rate of 7.5 dBA/DD is typically observed over soft ground with landscaping, as compared with a 6.0 dBA/DD drop-off rate over hard ground such as asphalt, concrete, stone and very hard packed earth. For line sources a 4.5 dBA/DD is typically observed for soft-site conditions compared to the 3.0 dBA/DD drop-off rate for hard-site conditions. Caltrans research has shown that the use of soft-site conditions is more appropriate for the application of the Federal Highway Administration (FHWA) traffic noise prediction model used in this analysis.

3.0 GROUND-BORNE VIBRATION FUNDAMENTALS

Ground-borne vibrations consist of rapidly fluctuating motions within the ground that have an average motion of zero. The effects of ground-borne vibrations typically only cause a nuisance to people, but at extreme vibration levels damage to buildings may occur. Although ground-borne vibration can be felt outdoors, it is typically only an annoyance to people indoors where the associated effects of the shaking of a building can be notable. Ground-borne noise is an effect of ground-borne vibration and only exists indoors, since it is produced from noise radiated from the motion of the walls and floors of a room and may also consist of the rattling of windows or dishes on shelves.

3.1 Vibration Descriptors

There are several different methods that are used to quantify vibration amplitude such as the maximum instantaneous peak in the vibrations velocity, which is known as the peak particle velocity (PPV) or the root mean square (rms) amplitude of the vibration velocity. Due to the typically small amplitudes of vibrations, vibration velocity is often expressed in decibels and is denoted as (L_v) and is based on the rms velocity amplitude. A commonly used abbreviation is "VdB", which in this text, is when L_v is based on the reference quantity of 1 micro inch per second.

3.2 Vibration Perception

Typically, developed areas are continuously affected by vibration velocities of 50 VdB or lower. These continuous vibrations are not noticeable to humans whose threshold of perception is around 65 VdB. Off-site sources that may produce perceptible vibrations are usually caused by construction equipment, steel-wheeled trains, and traffic on rough roads, while smooth roads rarely produce perceptible ground-borne noise or vibration.

3.3 Vibration Propagation

The propagation of ground-borne vibration is not as simple to model as airborne noise. This is due to the fact that noise in the air travels through a relatively uniform median, while ground-borne vibrations travel through the earth which may contain significant geological differences. There are three main types of vibration propagation; surface, compression, and shear waves. Surface waves, or Rayleigh waves, travel along the ground's surface. These waves carry most of their energy along an expanding circular wave front, similar to ripples produced by throwing a rock into a pool of water. P-waves, or compression waves, are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal (i.e., in a "push-pull" fashion). P-waves are analogous to airborne sound waves. S-waves, or shear waves, are also body waves that carry energy along an expanding spherical wave front. However, unlike P-waves, the particle motion is transverse or "side-to-side and perpendicular to the direction of propagation."

As vibration waves propagate from a source, the vibration energy decreases in a logarithmic nature and the vibration levels typically decrease by 6 VdB per doubling of the distance from the vibration source. As stated above, this drop-off rate can vary greatly depending on the soil but has been shown to be effective enough for screening purposes, in order to identify potential vibration impacts that may need to be studied through actual field tests.

4.0 REGULATORY SETTING

The three campuses are located in the City of Glendale. Noise regulations are addressed through the efforts of various federal, state, and local government agencies. The agencies responsible for regulating noise are discussed below.

4.1 Federal Regulations

The adverse impact of noise was officially recognized by the federal government in the Noise Control Act of 1972, which serves three purposes:

- Promulgating noise emission standards for interstate commerce
- Assisting state and local abatement efforts
- Promoting noise education and research

The Federal Office of Noise Abatement and Control (ONAC) was initially tasked with implementing the Noise Control Act. However, the ONAC has since been eliminated, leaving the development of federal noise policies and programs to other federal agencies and interagency committees. For example, the Occupational Safety and Health Administration (OSHA) agency prohibits exposure of workers to excessive sound levels. The Department of Transportation (DOT) assumed a significant role in noise control through its various operating agencies. The Federal Aviation Administration (FAA) regulates noise of aircraft and airports. Surface transportation system noise is regulated by a host of agencies, including the Federal Transit Administration (FTA). Transit noise is regulated by the FTA, while freeways that are part of the interstate highway system are regulated by the Federal Highway Administration (FHWA). Finally, the federal government actively advocates that local jurisdictions use their land use regulatory authority to arrange new development in such a way that "noise sensitive" uses are either prohibited from being sited adjacent to a highway or, alternately that the developments are planned and constructed in such a manner that potential noise impacts are minimized. Although the proposed project is not under the jurisdiction of the FTA, the FTA is the only agency that has defined what constitutes a significant noise impact from implementing a project. The FTA standards are based on extensive studies by the FTA and other governmental agencies on the human effects and reaction to noise and a summary of the FTA findings are provided below in Table B.

Table B – FTA Project Effects on Cumulative Noise Exposure

Existing Noise Exposure (dBA Leq or Ldn)	Allowable Noise Impact Exposure dBA Leq or Ldn		
	Project Only	Combined	Noise Exposure Increase
45	51	52	+7
50	53	55	+5
55	55	58	+3
60	57	62	+2
65	60	66	+1
70	64	71	+1
75	65	75	0

Source: Federal Transit Administration, 2018.

The FTA also provides specific guidance for construction noise and recommends developing construction noise criteria on a project-specific basis that utilizes local noise ordinances if possible. However, local noise ordinances usually relates to nuisance and hours of allowed activity and sometimes specify limits in terms of maximum levels, but are generally not practical for assessing the noise impacts of a construction project. Project construction noise criteria should take into account the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land uses. The FTA standards are based on extensive studies by the FTA and other governmental agencies on the human effects and reaction to noise and a summary of the FTA findings for a detailed construction noise assessment are provided below in Table C.

Table C – FTA Construction Noise Criteria

Land Use	Day (dBA $Leq_{(8\text{-hour})}$)	Night (dBA $Leq_{(8\text{-hour})}$)	30-day Average (dBA Ldn)
Residential	80	70	75
Commercial	85	85	80[(1)]
Industrial	90	90	85[(1)]

Notes:
[(1)] Use a 24-hour $Leq_{(24\ hour)}$ instead of $Ldn_{(30\ day)}$.
Source: Federal Transit Administration, 2018.

Since the federal government has preempted the setting of standards for noise levels that can be emitted by transportation sources, the City is restricted to regulating noise generated by the transportation system through nuisance abatement ordinances and land use planning.

4.2 State Regulations

Noise Standards

California Department of Health Services Office of Noise Control

Established in 1973, the California Department of Health Services Office of Noise Control (ONC) was instrumental in developing regularity tools to control and abate noise for use by local agencies. One significant model is the "Land Use Compatibility for Community Noise Environments Matrix," which allows the local jurisdiction to clearly delineate compatibility of sensitive uses with various incremental levels of noise.

California Noise Insulation Standards

Title 24, Chapter 1, Article 4 of the California Administrative Code (California Noise Insulation Standards) requires noise insulation in new hotels, motels, apartment houses, and dwellings (other than single-family detached housing) that provides an annual average noise level of no more than 45 dBA CNEL. When such structures are located within a 60-dBA CNEL (or greater) noise contour, an acoustical analysis is required to ensure that interior levels do not exceed the 45-dBA CNEL annual threshold. In addition, Title 21, Chapter 6, Article 1 of the California Administrative Code requires that all habitable rooms, hospitals, convalescent homes, and places of worship shall have an interior CNEL of 45 dB or less due to aircraft noise.

Government Code Section 65302

Government Code Section 65302 mandates that the legislative body of each county and city in California adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines published by the State Department of Health Services. The guidelines rank noise land use compatibility in terms of normally acceptable, conditionally acceptable, normally unacceptable, and clearly unacceptable.

Vibration Standards

Title 14 of the California Administrative Code Section 15000 requires that all state and local agencies implement the California Environmental Quality Act (CEQA) Guidelines, which requires the analysis of exposure of persons to excessive groundborne vibration. However, no statute has been adopted by the state that quantifies the level at which excessive groundborne vibration occurs.

Caltrans issued the *Transportation and Construction Vibration Guidance Manual*, April 2020. The Manual provides practical guidance to Caltrans engineers, planners, and consultants who must address vibration issues associated with the construction, operation, and maintenance of Caltrans projects. However, this manual is also used as a reference point by many lead agencies and CEQA practitioners throughout California, as it provides numeric thresholds for vibration impacts. Thresholds are established for continuous (construction-related) and transient (transportation-related) sources of vibration, which found that the human response becomes distinctly perceptible at 0.25 inch per second PPV for transient sources and 0.04 inch per second PPV for continuous sources.

4.3 Local Regulations

The City of Glendale General Plan and Municipal Code establishes the following applicable policies related to noise and vibration.

City of Glendale – Noise Element

The following applicable goals and policies to the proposed project are from the Noise Element of the General Plan.

Goal 2: Reduce noise from non-transportation sources

Policy 2.1 Improve enforcement of required noise control measures in building design.

Goal 3: Continue incorporating noise considerations into land use planning decisions

Policy 3.1 Ensure that land uses comply with adopted standards.

Policy 3.2 Encourage acoustical mitigation design in new construction when necessary.

City of Glendale Municipal Code

The City of Glendale Municipal Code Chapter 8.36 Noise Control establishes the following applicable standards related to noise and vibration.

8.36.020 Definitions

For the purposes of this chapter, the following words and phrases shall have the meanings ascribed to them unless otherwise noted:

"Construction" means any site preparation, assembly, erection, substantial repair, alteration, demolition or similar action, for or of public or private rights-of-way structures, utilities or similar property and includes the transportation or delivery of any materials, tools or equipment to or from the site of any construction project or the loading or unloading or use of such materials, tools or equipment.

"Decibel (dB)" means a unit of level which denotes the ratio between two quantities that are proportional to the power; the number of decibels corresponding to the ratio of two amounts of power ten times the logarithm to the base 10 of this ratio.

"Equivalent sound level (Leq)" means the A-weighted sound level corresponding to a steady state sound level containing the same total sound energy as the time varying signal over a given period of time. The equivalent sound level shall be determined using an integrating sound level meter as set forth in American National Standards for Sound Level Meters SI.4-1971.

"Fixed noise source" means a stationary device which creates sounds while fixed or motionless, including but not limited to, residential, agricultural, industrial and commercial machinery and equipment, pumps, fans, compressors, air conditioners and refrigeration equipment.

"Nighttime" means the hours from and after ten p.m. until seven a.m. of the following day.

"Vibration perception threshold" means the minimal ground or structure borne vibrational motion necessary to cause a normal person to be aware of the vibration by such direct means as, but not limited to, sensation by touch or visual observation of moving objects. The perception shall be presumed to be a motion velocity of 0.01 in./sec. over the range of one to one hundred Hz.

8.36.040 Presumed Noise Standards

A. The following exterior noise standards, unless otherwise specifically indicated, shall apply to all property within a designated zone:

Zone	Decibels	Time
Cemetery and residential (single family and duplex)	45 dBA	Nighttime
Cemetery and residential (single family and duplex)	55 dBA	Daytime
Residential (multifamily, hotels, motels and transient lodgings)	60 dBA	Anytime
Central business district and commercial	65 dBA	Anytime
Industrial	70 dBA	Anytime

B. The following interior noise standards, unless otherwise specially indicated, shall apply to all residential property within a designated zone:

Zone	Decibels	Time
Residential	45 dBA	Nighttime
Residential	55 dBA	All other times

C. In any overlay zones, the underlying zone shall determine the presumed ambient noise level.

8.36.050 Minimum and Maximum Ambient Noise Levels

A. Where the actual ambient is less than the presumed ambient, the actual ambient shall control and any noise in excess of the actual ambient, plus five dBA, shall be a violation.

B. Where the actual ambient is equal to or more than the presumed ambient, the actual ambient shall control and any noise may not exceed the actual ambient by more than five dBA; however, in no event may the actual ambient exceed the presumed noise standards by five dBA.

C. At the boundary line between two zones, the arithmetic average of the presumed ambient noise levels shall be used.

8.36.080 Construction on Buildings, Structures and Projects

It is unlawful for any person within a residential zone, or within a radius of five hundred feet therefrom, to operate equipment or perform any outside construction or repair work on buildings, structures or projects within the city between the hours of seven p.m. on one day and seven a.m. of the next day or from seven p.m. on Saturday to seven a.m. on Monday or from seven p.m. preceding a holiday, as designated in Chapter 3.08 of this code, to seven a.m. following such holiday unless beforehand a permit therefor has been duly obtained from the building official. No permit shall be required to perform emergency work as defined in this chapter.

8.36.090 Exhaust Pipe Required

No person having charge or control of any engine in which gas, gasoline, distillate or other similar substance is used as a motive power, shall run or operate such engine, or cause the same to be run or operated, without having the exhaust pipe thereof connected with an underground air chamber or having attached to such exhaust pipe a muffler or other device so constructed as to deaden the sound of the exhaust of such engine and effectually prevent such exhaust from making any loud noise or disturbing the peace and quiet of persons in its vicinity. This section shall apply to the engine of a motor vehicle if its exhaust equipment is not regulated by state law.

8.36.210 Vibration

Operating or permitting the operation of any device that creates a vibration which is above the vibration perception threshold of an individual at or beyond the property boundary of the source if on private

property or at one hundred fifty feet from the source if on a public space or public right-of-way shall be a violation.

8.36.290 Exemptions

The following activities shall be exempted from the provisions of this chapter:

C. Activities conducted on public parks or playgrounds and public or private school grounds including but not limited to school athletic and school entertainment events or outdoor activities such as public dances, shows, sporting events, and entertainment events provided such events are conducted pursuant to a permit issued by the city where otherwise required;

G. Noise sources associated with maintenance of real property, provided such activities take place between 8:00 a.m. and 5:00 p.m.

5.0 EXISTING NOISE CONDITIONS

To determine the existing noise levels, noise measurements have been taken in the vicinity of the project site. The field survey noted that noise within the proposed project area is generally characterized by vehicle traffic on nearby roads. The following describes the measurement procedures, measurement locations, noise measurement results, and the modeling of the existing noise environment.

5.1 Noise Measurement Equipment

The noise measurements were taken using three Larson Davis Model LXT1 Type 1 sound level meters programmed in "slow" mode to record the sound pressure level at 1-second intervals for 24 hours in "A" weighted form. In addition, the L_{eq} averaged over the entire measuring time and L_{max} were recorded with both sound level meters. The sound level meters and microphones were mounted on a power pole and tree, were placed approximately five feet above the ground and were equipped with windscreens during all measurements. The noise meters were calibrated before and after the monitoring using a Larson Davis Cal200 calibrator. All noise level measurement equipment meets American National Standards Institute specifications for sound level meters (S1.4-1983 identified in Chapter 19.68.020.AA).

Noise Measurement Locations

The noise monitoring locations were selected in order to obtain noise levels at the representative nearby residential uses to each of the three campuses. Descriptions of the noise monitoring sites are provided below in Table D and Appendix A includes a photo index of the study area and noise level measurement locations.

Noise Measurement Timing and Climate

The noise measurements were recorded between 1:44 p.m. on Tuesday, September 15, 2020 and 2:18 p.m. on Wednesday, September 16, 2020. When the noise measurements were started the sky was smoky, the temperature was 92 degrees Fahrenheit, the humidity was 29 percent, barometric pressure was 28.68 inches of mercury, and there was no wind. At the conclusion of the noise measurements, the sky was smoky, the temperature was 96 degrees Fahrenheit, the humidity was 25 percent, barometric pressure was 28.62 inches of mercury, and there was blowing at around two miles per hour.

5.2 Noise Measurement Results

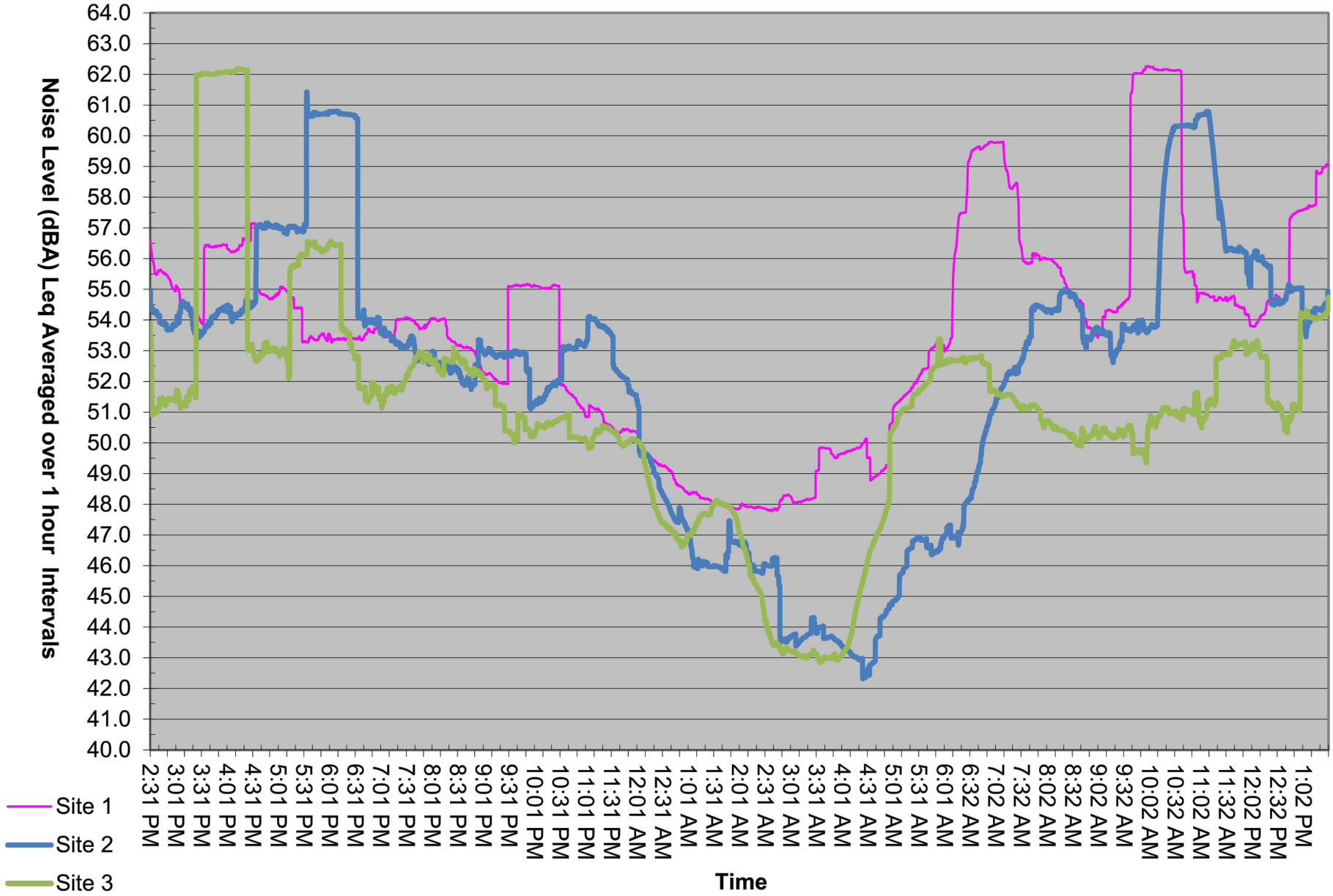
The results of the noise level measurements are presented in Table D. The measured sound pressure levels in dBA have been used to calculate the minimum and maximum L_{eq} averaged over 1-hour intervals. Table D also shows the L_{eq}, L_{max}, and CNEL, based on the entire measurement time. The noise monitoring data printouts are included in Appendix B. Figure 4 shows a graph of the 24-hour noise measurements.

Table D – Existing (Ambient) Noise Level Measurements

Site No.	Site Description	Average[1] (dBA L_{eq})		(dBA Leq 1-hour/Time)		Average (dBA CNEL)
		Daytime[1]	Nighttime[2]	Minimum	Maximum	
A	Located on north side of Verdugo Campus, on shared fence with the residential apartments at 1550 Verdugo Road, approximately 315 feet east of Verdugo Road centerline.	57.3	51.7	47.8 1:50 a.m.	62.3 9:57 a.m.	63.4
B	Located on south side of the Garfield Campus, on a construction fence in front of the structure to be demolished at 1123 Acacia Avenue, approximately 45 feet north of Acacia Avenue centerline.	56.9	47.6	42.3 4:08 a.m.	61.4 5:17 p.m.	57.6
C	Located on south side of the Montrose Campus, on shared fence with single-family home at 1643 Broadview Drive, approximately 160 feet north of Broadview Drive centerline.	55.5	47.9	42.8 3:53 a.m.	62.2 4:30 p.m.	57.2

Notes:
[1] Nighttime defined as from ten p.m. until seven a.m. the following day (Section 8.36.020 of the Municipal Code)
Source: Noise measurements were taken with three Larson Davis Model LXT1 Type 1 sound level meters on Tuesday, September 15 and Wednesday, September 16, 2020.

Table D shows that Site A is within the City's 60 dBA daytime and nighttime exterior noise standard for the nearby multi-family homes, as detailed in Section 8.26.040(A) of the Municipal Code. Table D also shows that Sites B and C currently exceed the City's 45 dBA nighttime and 55 dBA daytime exterior noise standards for the nearby single-family homes, as detailed in Section 8.26.040(A) of the Municipal Code.



SOURCE: Larson Davis LXT Type 1 Sound Level Meters.

VISTA ENVIRONMENTAL

Figure 4
Field Noise Measurements Graph

6.0 MODELING PARAMETERS AND ASSUMPTIONS

6.1 Construction Noise

The noise impacts from construction of the proposed project have been analyzed through use of the FHWA's Roadway Construction Noise Model (RCNM). The FHWA compiled noise measurement data regarding the noise generating characteristics of several different types of construction equipment used during the Central Artery/Tunnel project in Boston. A list of the construction equipment anticipated to be used for each phase of construction as detailed in the *Air Quality and Greenhouse Gas Emissions Impact Analysis Glendale Community College District 2019 Facilities Master Plan Update to the 2015 Master Plan* (Air Quality Analysis), prepared by Vista Environmental, October 5, 2020.

Table E provides anticipated construction equipment that will be used at the Verdugo Campus, Table F provides anticipated construction equipment that will be used at the Garfield Campus, and Table G provides anticipated construction equipment that will be used at the Montrose Campus. The following tables also shows the associated measured noise emissions for each piece of equipment from the RCNM model and measured percentage of typical equipment use per day. Construction noise impacts to the nearby sensitive receptors have been calculated according to the equipment noise levels and usage factors listed in the following tables and through use of the RCNM. For each phase of construction, the nearest piece of equipment was placed at the shortest distance of the proposed activity to the nearest sensitive receptor and each subsequent piece of equipment was placed an additional 50 feet away.

Table E – Verdugo Campus Construction Equipment Noise Emissions and Usage Factors

Equipment Description	Number of Equipment	Acoustical Use Factor[1] (percent)	Spec 721.560 Lmax at 50 feet[2] (dBA, slow[3])	Actual Measured Lmax at 50 feet[4] (dBA, slow[3])
Demolition				
Concrete/Industrial Saw	1	40	85	83
Excavators	3	40	85	81
Rubber Tired Dozers	2	40	85	83
Grading				
Excavator	2	40	85	81
Grader	1	40	85	83
Rubber Tired Dozer	1	40	85	82
Scrapers	2	40	85	84
Tractor, Loader or Backhoe	2	40	84	N/A
Building Construction				
Crane	1	16	85	81
Forklift (Gradall)	3	40	85	83
Generator	1	50	82	81
Tractor, Loader or Backhoe	3	40	84	N/A
Welder	1	40	73	74
Paving				
Paver	2	50	85	77
Paving Equipment	2	50	85	77

Table E – Verdugo Campus Construction Equipment Noise Emissions and Usage Factors

Equipment Description	Number of Equipment	Acoustical Use Factor[1] (percent)	Spec 721.560 Lmax at 50 feet[2] (dBA, slow[3])	Actual Measured Lmax at 50 feet[4] (dBA, slow[3])
Rollers	2	20	85	80
Architectural Coating				
Air Compressor	1	40	80	78

Notes:
[1] Acoustical use factor is the percentage of time each piece of equipment is operational during a typical workday.
[2] Spec 721.560 is the equipment noise level utilized by the RCNM program.
[3] The "slow" response averages sound levels over 1-second increments. A "fast" response averages sound levels over 0.125-second increments.
[4] Actual Measured is the average noise level measured of each piece of equipment during the Central Artery/Tunnel project in Boston, Massachusetts primarily during the 1990s.
Source: Federal Highway Administration, 2006 and CalEEMod default equipment mix.

Table F – Garfield Campus Construction Equipment Noise Emissions and Usage Factors

Equipment Description	Number of Equipment	Acoustical Use Factor[1] (percent)	Spec 721.560 Lmax at 50 feet[2] (dBA, slow[3])	Actual Measured Lmax at 50 feet[4] (dBA, slow[3])
Demolition				
Concrete/Industrial Saw	1	40	85	83
Excavators	3	40	85	81
Rubber Tired Dozers	2	40	85	83
Grading				
Excavator	1	40	85	81
Grader	1	40	85	83
Rubber Tired Dozer	1	40	85	82
Tractor, Loader or Backhoe	3	40	84	N/A
Building Construction				
Crane	1	16	85	81
Forklift (Gradall)	3	40	85	83
Generator	1	50	82	81
Tractor, Loader or Backhoe	3	40	84	N/A
Welder	1	40	73	74
Paving				
Cement & Mortar Mixers	2	50	80	80
Paver	1	50	85	77
Paving Equipment	2	50	85	77
Rollers	2	20	85	80
Tractor, Loader or Backhoe	1	40	84	N/A
Architectural Coating				
Air Compressor	1	40	80	78

Notes:
[1] Acoustical use factor is the percentage of time each piece of equipment is operational during a typical workday.
[2] Spec 721.560 is the equipment noise level utilized by the RCNM program.
[3] The "slow" response averages sound levels over 1-second increments. A "fast" response averages sound levels over 0.125-second increments.
[4] Actual Measured is the average noise level measured of each piece of equipment during the Central Artery/Tunnel project in Boston, Massachusetts primarily during the 1990s.
Source: Federal Highway Administration, 2006 and CalEEMod default equipment mix.

Table G – Montrose Campus Construction Equipment Noise Emissions and Usage Factors

Equipment Description	Number of Equipment	Acoustical Use Factor[1] (percent)	Spec 721.560 Lmax at 50 feet[2] (dBA, slow[3])	Actual Measured Lmax at 50 feet[4] (dBA, slow[3])
Demolition				
Concrete/Industrial Saw	1	40	85	83
Rubber Tired Dozer	1	40	85	82
Tractor, Loader or Backhoes	3	40	84	N/A
Grading				
Grader	1	40	85	83
Rubber Tired Dozer	1	40	85	82
Tractor, Loader or Backhoe	1	40	84	N/A
Building Construction				
Crane	1	16	85	81
Forklift (Gradall)	1	40	85	83
Generator	1	50	82	81
Tractor, Loader or Backhoe	1	40	84	N/A
Welders	3	40	73	74
Paving				
Cement & Mortar Mixers	1	50	80	80
Paver	1	50	85	77
Paving Equipment	1	50	85	77
Roller	1	20	85	80
Tractor, Loader or Backhoe	1	40	84	N/A
Architectural Coating				
Air Compressor	1	40	80	78

Notes:
[1] Acoustical use factor is the percentage of time each piece of equipment is operational during a typical workday.
[2] Spec 721.560 is the equipment noise level utilized by the RCNM program.
[3] The "slow" response averages sound levels over 1-second increments. A "fast" response averages sound levels over 0.125-second increments.
[4] Actual Measured is the average noise level measured of each piece of equipment during the Central Artery/Tunnel project in Boston, Massachusetts primarily during the 1990s.
Source: Federal Highway Administration, 2006 and CalEEMod default equipment mix.

6.2 Operational Noise

FHWA Roadway Noise Model Methodology

The proposed project would result in increases in traffic noise to the nearby roadways as well as introduce new sensitive receptors to the project site. The project impacts to the offsite roadways were analyzed through use of the FHWA Traffic Noise Prediction Model - FHWA-RD-77-108 (FHWA Model). The FHWA Model arrives at a predicted noise level through a series of adjustments to the Reference Energy Mean Emission Level (REMEL). Adjustments are then made to the reference energy mean emission level to account for: the roadway active width (i.e., the distance between the center of the outermost travel lanes on each side of the roadway), the total average daily traffic (ADT) and the percentage of ADT which flows during the day, evening and night, the travel speed, the vehicle mix on the roadway, which is a percentage of the volume of automobiles, medium trucks and heavy trucks, the roadway grade, the angle of view of

the observer exposed to the roadway and site conditions ("hard" or "soft" relates to the absorption of the ground, pavement or landscaping). The following section provides a discussion of the software and modeling input parameters used in this analysis and a discussion of the resultant existing noise model.

FHWA Model Traffic Noise Prediction Model Inputs

The roadway parameters used for this study are presented in Table H. The roadway classifications are based on the City's General Plan Circulation Element. The roadway speeds are based on the posted speed limits. The distance to the nearest sensitive receptor was determined by measuring the distance from the roadway centerline to the nearest residence. Since the study area is located in a suburban environment and landscaping exists along the sides of most of the analyzed roadways, soft site conditions were modeled.

Table H – FHWA Model Roadway Parameters

Roadway	Segment	General Plan Classification	Vehicle Speed (MPH)	Distance to Nearest Receptor[1] (feet)
Verdugo Campus				
Verdugo Road	North of Towne Street	Minor Arterial	35	60
Verdugo Road	South of Mountain Street	Major Arterial	40	70
Mountain Street	East of Verdugo Road	Major Arterial	35	110
Garfield Campus				
Adams Street	South of Garfield Avenue	Urban Collector	25	50
Chevy Chase Drive	North of Garfield Avenue	Minor Arterial	35	60
Chevy Chase Drive	South of Garfield Avenue	Minor Arterial	35	60
Acacia Avenue	West of Chevy Chase Drive	Local	25	40
Montrose Campus				
Wickham Way	North of Broadview Drive	Local	25	30
Oceanview Boulevard	North of I-210 WB Ramps	Minor Arterial	35	55
Oceanview Boulevard	North of Montrose Avenue	Minor Arterial	35	50
Oceanview Boulevard	North of Honolulu Avenue	Minor Arterial	35	50
Broadview Drive	West of Wickham Way	Neighborhood Collector	25	40
Broadview Drive	East of Wickham Way	Neighborhood Collector	25	40

Notes:
[1] Distance measured from nearest residential structure to centerline of roadway.
Source: General Technologies & Solutions, 2020; and City of Glendale, 1998.

The average daily traffic (ADT) volumes were obtained from the *Glendale Community College District 2019 Facilities Master Plan Update to the 2015 Facilities Master Plan* (Traffic Impact Study), prepared by General Technologies & Solutions, August 2020. The ADT volumes were calculated by multiplying the PM peak hour volumes by 12. It should be noted that since the Verdugo Campus and Garfield Campus are not projected to increase the operational vehicle trips from implementation of the Master Plan, as such, the project-generated traffic volumes for these two campuses are for the worst-case construction traffic conditions. The ADT volumes used in this analysis are shown in Table I.

Table I – Average Daily Traffic Volumes

		Average Daily Traffic Volumes					
Roadway	**Segment**	**Existing**	**Existing + Project**	**2023**	**2023 + Project**	**2025**	**2025 + Project**
Verdugo Campus							
Verdugo Road	North of Towne Street	16,450	16,570	16,810	16,870	--	--
Verdugo Road	South of Mountain Street	40,320	40,440	40,930	41,050	--	--
Mountain Street	East of Verdugo Road	24,780	25,270	25,180	25,670	--	--
Garfield Campus							
Adams Street	South of Garfield Avenue	4,030	4,090	4,080	4,140	--	--
Chevy Chase Drive	North of Garfield Avenue	12,000	12,600	12,140	12,740	--	--
Chevy Chase Drive	South of Garfield Avenue	11,100	11,160	11,240	11,300	--	--
Acacia Avenue	West of Chevy Chase Drive	1,120	1,180	1,120	1,180	--	--
Montrose Campus							
Wickham Way	North of Broadview Drive	400	600	--	--	400	600
Oceanview Boulevard	North of I-210 WB Ramps	18,830	19,150	--	--	19,100	19,220
Oceanview Boulevard	North of Montrose Avenue	22,430	23,330	--	--	22,800	23,460
Oceanview Boulevard	North of Honolulu Avenue	9,770	10,540	--	--	9,620	10,620
Broadview Drive	West of Wickham Way	5,880	6,010	--	--	5,950	6,020
Broadview Drive	East of Wickham Way	5,770	6,040	--	--	5,840	6,050

Source: General Technologies & Solutions, 2020

The vehicle mixes used in the FHWA-RD-77-108 Model are shown in Table J. The vehicle mixes are based on typical vehicle mixes observed in Southern California.

Table J – Roadway Vehicle Mixes

Vehicle Type	Traffic Flow Distributions			
	Day (7 a.m. to 7 p.m.)	Evening (7 p.m. to 10 p.m.)	Night (10 p.m. to 7 a.m.)	Overall
Collector and Local Roads				
Automobiles	67.1%	12.6%	15.5%	97.0%
Medium Trucks	1.3%	0.2%	0.5%	2.0%
Heavy Trucks	0.6%	0.1%	0.3%	1.0%
Major and Minor Arterial Roads				
Automobiles	69.5%	12.9%	9.6%	92.0%
Medium Trucks	1.4%	0.1%	1.5%	3.0%
Heavy Trucks	2.4%	0.1%	2.5%	5.0%

Source: Vista Environmental.

FHWA Model Source Assumptions

To assess the roadway noise generation in a uniform manner, all vehicles are analyzed at the single lane equivalent acoustic center of the roadway being analyzed. In order to determine the height above the road grade where the noise is being emitted from, each type of vehicle has been analyzed independently with autos at road grade, medium trucks at 2.3 feet above road grade, and heavy trucks at 8 feet above road grade. These elevations were determined through a noise-weighted average of the elevation of the exhaust pipe, tires and mechanical parts in the engine, which are the primary noise emitters from a vehicle.

6.2 Vibration

Construction activity can result in varying degrees of ground vibration, depending on the equipment used on the site. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Buildings in the vicinity of the construction site respond to these vibrations with varying results ranging from no perceptible effects at the low levels to slight damage at the highest levels. Table K gives approximate vibration levels for particular construction activities. The data in Table K provides a reasonable estimate for a wide range of soil conditions.

Table K – Vibration Source Levels for Construction Equipment

Equipment		Peak Particle Velocity (inches/second)	Approximate Vibration Level (L_v)at 25 feet
Pile driver (impact)	Upper range	1.518	112
	typical	0.644	104
Pile driver (sonic)	Upper range	0.734	105
	typical	0.170	93
Clam shovel drop (slurry wall)		0.202	94
Vibratory Roller		0.210	94
Hoe Ram		0.089	87
Large bulldozer		0.089	87
Caisson drill		0.089	87
Loaded trucks		0.076	86
Jackhammer		0.035	79
Small bulldozer		0.003	58

Source: Federal Transit Administration, 2020.

The construction-related vibration impacts have been calculated through the vibration levels shown above in Table K and through typical vibration propagation rates. The equipment assumptions were based on the equipment lists provided above in Table E.

7.0 IMPACT ANALYSIS

7.1 CEQA Thresholds of Significance

Consistent with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines, a significant impact related to noise would occur if a proposed project is determined to result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Generation of excessive groundborne vibration or groundborne noise levels; or
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels.

7.2 Generation of Noise Levels in Excess of Standards

The proposed project would not generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. The following section calculates the potential noise emissions associated with the temporary construction activities and long-term operations of the proposed project and compares the noise levels to the City standards.

Construction-Related Noise

The timing of certain projects will be dependent on the completion of other projects and will ultimately occur over the different phases. In order to provide a conservative analysis, it was assumed that all proposed construction activities on each campus would occur at one time. The phases of construction activities that have been analyzed for each campus includes: 1) Demolition, 2) Grading, 3) Building construction, 4) Paving, and 5) Application of architectural coatings. Noise impacts from construction activities associated with the proposed project would be a function of the noise generated by construction equipment, equipment location, sensitivity of nearby land uses, and the timing and duration of the construction activities. The nearest sensitive receptors to the Verdugo Campus are multi-family homes located adjacent to the north side of the Campus. The nearest sensitive receptors to the Garfield Campus are single-family homes located as near as 60 feet west and south of the Campus. The nearest sensitive receptors to the Montrose Campus are single-family homes located adjacent to the south side of the Campus.

Section 8.36.080 of the City's Municipal Code exempts construction activities from the City's noise standards provided construction activities associated with development of the proposed project, do not take place between the hours of 7:00 p.m. and 7:00 a.m. on weekdays or between the hours of 7:00 p.m. on Saturday to 7:00 a.m. on Monday, or on any holidays(construction activities are allowed weekdays and Saturdays between 7:00 a.m. and 7:00 p.m., except for holidays). However, the City construction noise standards do not provide any limits to the noise levels that may be created from construction activities and even with adherence to the City standards, the resultant construction noise levels may result in a significant substantial temporary noise increase to the nearby residents.

In order to determine if the proposed construction activities would create a significant substantial temporary noise increase, the FTA construction noise criteria thresholds detailed above in Section 4.1 have been utilized, which shows that a significant construction noise impact would occur if construction noise exceeds 80 dBA during the daytime at any of the nearby homes.

Construction noise impacts to the nearby sensitive receptors have been calculated through use of the RCNM and the parameters and assumptions detailed in Section 6.1 of this report including Table E – Construction Equipment Noise Emissions and Usage Factors. The results are shown below in Table L and the RCNM printouts are provided in Appendix C for the Verdugo Campus, Appendix D for the Garfield Campus, and Appendix E for the Montrose Campus.

Table L – Worst-Case Construction Noise Levels at Nearest Offsite Residences

Construction Phase	Distance to Nearest Offsite Residence (feet)	Construction Noise Level (dBA Leq)	Noise Threshold[1] (dBA Leq)	Exceed Standard?
Verdugo Campus[2]				
Demolition	60	77	80	No
Grading	40	76	80	No
Building Construction	40	74	80	No
Paving	40	73	80	No
Painting	40	71	80	No
Garfield Campus[3]				
Demolition	100	78	80	No
Grading	80	77	80	No
Building Construction	100	74	80	No
Paving	60	75	80	No
Painting	100	68	80	No
Montrose Campus[4]				
Demolition	45	79	80	No
Grading	45	78	80	No
Building Construction	45	73	80	No
Paving	20	78	80	No
Painting	45	70	80	No

Notes:
[1] FTA Construction Noise Threshold obtained from Table C above.
[2] The nearest offsite residence to the Verdugo Campus are multi-family homes located adjacent to the north side of the Campus. 5 dB of attenuation was added to the RCNM model in order to account for the geographical conditions on the north side of the project site, that will block the line of sight between where most equipment would operate and the nearest homes.
[3] The nearest offsite residence to the Garfield Campus are single-family homes located as near as 60 feet west of the Campus.
[4] The nearest offsite residence to the Verdugo Campus are single-family homes located adjacent to the south side of the Campus. 5 dB of attenuation was added to the RCNM model in order to account for the existing wall on the south side of the project site, that will block the line of sight between where most equipment would operate and the nearest homes.
Source: RCNM, Federal Highway Administration, 2006

Table L shows that greatest construction noise impacts would be as high as 79 dBA Leq during the demolition phase at the Montrose Campus. All calculated construction noise levels shown in Table L are within the FTA daytime construction noise standard of 80 dBA averaged over eight hours. Therefore,

through adherence to the limitation of allowable construction times provided in Section 8.36.080 of the Municipal Code and through adherence to the requirements in Section 8.36.090 of the Municipal Code that requires all construction equipment to have properly functioning muffler with exhaust pipe, construction-related noise levels would not exceed any standards established in the General Plan or Noise Ordinance nor would construction activities create a substantial temporary increase in ambient noise levels from construction of the proposed project. Impacts would be less than significant.

Operational-Related Noise

The proposed project would consist of the development of institutional junior college land uses. Potential noise impacts associated with the operations of the proposed project would be from project-generated vehicular traffic on the nearby roadways and from onsite activities, which have been analyzed separately below.

Roadway Vehicular Noise

Vehicle noise is a combination of the noise produced by the engine, exhaust and tires. The level of traffic noise depends on three primary factors (1) the volume of traffic, (2) the speed of traffic, and (3) the number of trucks in the flow of traffic. The proposed project does not propose any uses that would require a substantial number of truck trips and the proposed project would not alter the speed limit on any existing roadway so the proposed project's potential offsite noise impacts have been focused on the noise impacts associated with the change of volume of traffic that would occur with development of the proposed project.

Since neither the General Plan or Municipal Code defines what an increase in roadway noise would be considered significant, the noise increase threshold guidance provided by the Federal Transit Administration for a moderate impact that has been detailed above in Table B and shows that the project contribution to the noise environment can range between 0 and 7 dB, which is dependent on the existing noise levels.

The potential offsite traffic noise impacts created by the on-going operations of the proposed project have been analyzed through utilization of the FHWA model and parameters described above in Section 6.2 and the FHWA model traffic noise calculation spreadsheets are provided in Appendix F. Since the Verdugo Campus and Garfield Campus are not projected to increase the operational vehicle trips from implementation of the Master Plan, as such, the project-generated traffic volumes for these two campuses are for the worst-case construction traffic conditions. The Verdugo and Garfield Campuses, construction traffic noise impacts have been analyzed for both the existing and future year 2023 conditions, which are discussed below. The Montrose Campus, which would result in an increase of 1,000 FTES with implementation of the Master Plan, has been analyzed for operational conditions, for both the existing and future year 2025 conditions, which are discussed below.

Existing Conditions

Each of the three Campus's potential offsite roadway noise impacts have been calculated through a comparison of the existing scenario to the existing with project scenario. The results of this comparison are shown in Table M.

Table M – Existing Conditions Project Traffic Noise Contributions

Roadway	Segment	dBA CNEL at Nearest Receptor[1]			Increase Threshold[2]
		Existing	Existing Plus Project	Project Contribution	
Verdugo Campus (Construction Traffic)					
Verdugo Road	North of Towne Street	64.4	64.4	0.0	+2 dBA
Verdugo Road	South of Mountain Street	70.0	70.0	0.0	+1 dBA
Mountain Street	East of Verdugo Road	62.4	62.5	0.1	+2 dBA
Garfield Campus (Construction Traffic)					
Adams Street	South of Garfield Avenue	54.6	54.6	0.0	+3 dBA
Chevy Chase Drive	North of Garfield Avenue	63.0	63.3	0.3	+2 dBA
Chevy Chase Drive	South of Garfield Avenue	62.7	62.7	0.0	+2 dBA
Acacia Avenue	West of Chevy Chase Drive	50.5	50.7	0.2	+5 dBA
Montrose Campus (Operational Traffic)					
Wickham Way	North of Broadview Drive	47.9	49.7	1.8	+7 dBA
Oceanview Boulevard	North of I-210 WB Ramps	65.7	65.7	0.0	+1 dBA
Oceanview Boulevard	North of Montrose Avenue	67.2	67.3	0.1	+1 dBA
Oceanview Boulevard	North of Honolulu Avenue	63.5	63.9	0.4	+2 dBA
Broadview Drive	West of Wickham Way	57.7	57.8	0.1	+3 dBA
Broadview Drive	East of Wickham Way	57.6	57.8	0.2	+3 dBA

Notes:
[1] Distance to nearest residential use shown in Table H, does not take into account existing noise barriers.
[2] Increase Threshold obtained from the FTA's allowable noise impact exposures detailed above in Table B.
Source: FHWA Traffic Noise Prediction Model FHWA-RD-77-108.

Table M shows that the proposed project's noise increases to the nearby homes from the generation of additional vehicular traffic would not exceed the traffic noise increase thresholds detailed above. Therefore, the proposed project would not result in a substantial temporary or permanent increase in ambient noise levels for the existing conditions. Impacts would be less than significant.

Future Year 2023 Conditions

The proposed project's potential offsite roadway noise impacts have been calculated through a comparison of the future year 2023 scenario to the future year 2023 with project scenario. It should be noted that the Verdugo Campus and Garfield Campus were analyzed for year 2023 construction-related conditions, since neither campus is anticipated to generate additional operational traffic with implementation of the Master Plan. The results of this comparison are shown in Table N.

Table N – Future Year 2023 Conditions Project Traffic Noise Contributions

Roadway	Segment	dBA CNEL at Nearest Receptor[1] Year 2023	Year 2023 Plus Project	Project Contribution	Increase Threshold[2]
Verdugo Campus (Construction Traffic)					
Verdugo Road	North of Towne Street	64.5	64.5	0.0	+1 dBA
Verdugo Road	South of Mountain Street	70.1	70.1	0.0	+1 dBA
Mountain Street	East of Verdugo Road	62.5	62.5	0.0	+2 dBA
Garfield Campus (Construction Traffic)					
Adams Street	South of Garfield Avenue	54.6	54.7	0.1	+3 dBA
Chevy Chase Drive	North of Garfield Avenue	63.1	63.3	0.2	+2 dBA
Chevy Chase Drive	South of Garfield Avenue	62.8	62.8	0.0	+2 dBA
Acacia Avenue	West of Chevy Chase Drive	50.5	50.7	0.2	+5 dBA

Notes:
[1] Distance to nearest residential use shown in Table H, does not take into account existing noise barriers.
[2] Increase Threshold obtained from the FTA's allowable noise impact exposures detailed above in Table B.
Source: FHWA Traffic Noise Prediction Model FHWA-RD-77-108.

Table N shows that for the future year 2023 conditions, the proposed project's noise increases to the nearby homes from the generation of additional vehicular traffic would not exceed the traffic noise increase thresholds detailed above. Therefore, the proposed project would not result in a substantial temporary or permanent increase in ambient noise levels for the future year 2023 conditions. Impacts would be less than significant.

Future Year 2025 Conditions

The proposed project's potential offsite roadway noise impacts have been calculated through a comparison of the future year 2025 scenario to the future year 2025 with project scenario. It should be noted that the Verdugo Campus and Garfield Campus were not analyzed for year 2025, since they were analyzed for year 2023 construction-related conditions, instead. The results of this comparison are shown in Table O.

Table O – Future Year 2025 Conditions Project Traffic Noise Contributions

Roadway	Segment	dBA CNEL at Nearest Receptor[1] Year 2025	Year 2025 Plus Project	Project Contribution	Increase Threshold[2]
Montrose Campus (Operational Traffic)					
Wickham Way	North of Broadview Drive	48.0	49.8	1.8	+7 dBA
Oceanview Boulevard	North of I-210 WB Ramps	65.7	65.7	0.0	+1 dBA
Oceanview Boulevard	North of Montrose Avenue	67.2	67.4	0.2	+1 dBA
Oceanview Boulevard	North of Honolulu Avenue	63.5	63.9	0.4	+2 dBA
Broadview Drive	West of Wickham Way	57.8	57.9	0.1	+3 dBA
Broadview Drive	East of Wickham Way	57.7	57.9	0.2	+3 dBA

Notes:
[1] Distance to nearest residential use shown in Table H, does not take into account existing noise barriers.
[2] Increase Threshold obtained from the FTA's allowable noise impact exposures detailed above in Table B.
Source: FHWA Traffic Noise Prediction Model FHWA-RD-77-108.

Table O shows that for the future year 2025 conditions, the proposed project's noise increases to the nearby homes from the generation of additional vehicular traffic would not exceed the traffic noise increase thresholds detailed above. Therefore, the proposed project would not result in a substantial temporary or permanent increase in ambient noise levels for the future year 2025 conditions. Impacts would be less than significant.

Onsite Noise Sources

The operation of the proposed improvements detailed in the Master Plan, may create an increase in noise from rooftop equipment, parking lot activities, delivery truck activities, landscape and other types of maintenance activities, and from students and staff involved in outdoor activities. It should be noted that Section 8.36.290(H) of the Municipal Code exempts landscape and other types of maintenance activities from the City noise standards and Section 8.36.290(C) of the Municipal Code exempts activities such as public dances, shows, sporting events, and entertainment events that are conducted on school grounds from the City noise standards. As such, the onsite noise sources that have been analyzed in this section have been limited to rooftop equipment, parking lot activities, and delivery truck activities.

Section 8.36.040 of the City's Municipal Code limits noise created from the Verdugo Campus to the exterior of the nearby multi-family homes to 60 dBA anytime of the day. Section 8.36.040 of the City's Municipal Code also limits noise created from the Garfield Campus and Montrose Campus to the exterior of the nearby single-family homes to 45 dBA during the nighttime and 55 dBA during the daytime. However, as shown above in Section 5.2, the existing noise levels at both the Garfield Campus and Montrose Campus currently exceed both the daytime and nighttime exterior noise standards at the nearby single-family homes. According to Section 8.36.050(B) of the Municipal Code, when the ambient noise level exceeds the noise standards, the noise standards shall be increased by 5 dBA. As such, the noise standards at the exterior of the nearby single-family homes to the Garfield Campus and Montrose Campus is 50 dBA during the nighttime and 60 dBA during the daytime.

In order to determine the noise impacts from the operation of rooftop mechanical equipment, parking lots, and delivery trucks, reference noise measurements were taken of each noise source and are shown in Table P and the reference noise measurements are provided in Appendix G. The noise levels from each source were calculated through use of standard geometric spreading of noise from a point source with a drop-off rate of 6 dB for each doubling of the distance between the source and receiver.

Table P – Onsite Operational Noise Levels at the Nearby Sensitive Receptors to Each Campus

Noise Source	Operational Noise Levels[1] (dBA Leq) at the Nearest Homes to:		
	Verdugo Campus	Garfield Campus	Montrose Campus
Rooftop Equipment[2]	48	40	46
Parking Lot[3]	34	31	31
Delivery Truck[4]	52	49	45
City Noise Standard[5] (Day/Night)	60/60	50/60	50/60
Exceed Standard (Day/Night)?	No/No	No/No	No/No

Notes:

[1] The noise levels were calculated through use of standard geometric spreading of noise from a point source with a drop-off rate of 6 dB for each doubling of the distance between the source and receiver. Accounts for the 6-foot high wall between the Montrose Campus and nearest home.

[3] Rooftop equipment is based on a reference noise measurement of 65.1 dBA at 6 feet.

[4] Parking lot is based on a reference noise measurement of 52.1 dBA at 5 feet.
[4] Delivery Truck is based on a reference noise measurement of 54.8 dBA at 30 feet.
[2] From Section 8.36.040 and Section 8.36.050(B) of the City's Municipal Code

Table P shows that the proposed project's onsite operational noise from the anticipated noise sources would not exceed the applicable noise standards for each stationary noise source. Therefore, operational onsite noise impacts from each Campus would be less than significant

Level of Significance

Less than significant impact.

7.3 Generation of Excessive Groundborne Vibration

The proposed project would not expose persons to or generation of excessive groundborne vibration or groundborne noise levels. The following section analyzes the potential vibration impacts associated with the construction and operations of the proposed project.

Construction-Related Vibration Impacts

Construction of the proposed improvements detailed in the Master Plan would require the use of off-road construction equipment that is a known source of vibration. The nearest sensitive receptors to the Verdugo Campus are multi-family homes located adjacent to the north side of the Campus and as near as 40 feet from proposed construction activities. The nearest sensitive receptors to the Garfield Campus are single-family homes located as near as 60 feet west and south of the Campus. The nearest sensitive receptors to the Montrose Campus are single-family homes located adjacent to the south side of the Campus and as near as 20 feet from proposed construction activities.

Section 8.36.210 of the City's Municipal Code limits vibration level at the property line to the threshold of perception. Section 8.36.020 of the Municipal Code defines the threshold of perception of vibration as a motion velocity of 0.01 inch per second over the range of one to one hundred hertz or a root mean square (rms) velocity of 0.01 inch per second.

The primary source of vibration during construction would be from the operation of a bulldozer. From Table K above a large bulldozer would create a vibration level of 87 VdB, which is equivalent to 0.02 inch per second rms at 25 feet. Based on typical propagation rates, the vibration level at the nearest homes (20 feet away from proposed construction activities) would be 0.028 inch per second rms. The vibration level at the location of the nearest homes to the north would exceed the City's 0.01 inch per second rms threshold detailed above. This would be considered a significant impact.

Mitigation Measure 1 is included that restricts any off-road equipment with 150 horsepower engine or greater from operating within 50 feet of the homes located on the south side of the Montrose Campus. Based on typical propagation rates, the vibration level at the nearest homes (50 feet away from proposed construction activities with implementation of Mitigation Measure 1) would be 0.01 inch per second rms, which is within the City's 0.01 inch per second rms threshold. Therefore, with implementation of Mitigation Measure 1, construction-related vibration impacts would be less than significant.

Operations-Related Vibration Impacts

The proposed project would consist of the development and operation of institutional junior college land uses. The on-going operation of the proposed project would not include the operation of any known vibration sources. Therefore, a less than significant vibration impact is anticipated from the operation of the proposed project.

Level of Significance Before Mitigation

Potentially significant impact.

Mitigation Measures

Mitigation Measure 1:

The project applicant shall restrict all contractors from operating any off-road construction equipment that is 150 horsepower or greater within 50 feet of the homes adjacent to the Verdugo Campus and Montrose Campus in order to limit construction-related vibration levels to below the City's 0.01 inch per second rms threshold.

Level of Significance After Mitigation

Less than significant impact.

7.4 Aircraft Noise

The proposed project would not expose people residing or working in the project area to excessive noise levels from aircraft. The nearest airport is Burbank Airport that is located approximately 7.5 miles southeast of the project site. The project site is located outside of the 60 dBA CNEL noise contours of Burbank Airport. A less than significant impact would occur from aircraft noise.

Level of Significance

Less than significant impact.

8.0 REFERENCES

California Department of Transportation, *2016 Annual Average Daily Truck Traffic on the California State Highway System*, 2018.

California Department of Transportation (Caltrans), *Technical Noise Supplement to the Traffic Noise Analytics Protocol*, September 2013.

California Department of Transportation, *Transportation and Construction Vibration Guidance Manual*, April 2020.

City of Glendale, *City of Glendale General Plan,* May 2007.

City of Glendale, *City of Glendale Circulation Element of the General Plan,* August 1998.

City of Glendale, *Glendale Municipal Code Chapter 8.36: Noise*, June 2020.

Federal Transit Administration, *Transit Noise and Vibration Impact Assessment,* September 2018.

General Technologies & Solutions, *Glendale Community College District 2019 Facilities Master Plan Update to the 2015 Facilities Master Plan,* August 2020.

U.S. Department of Transportation, *FHWA Roadway Construction Noise Model User's Guide,* January, 2006.

Vista Environmental, *Air Quality and Greenhouse Gas Emissions Impact Analysis Glendale Community College District 2019 Facilities Master Plan Update to the 2015 Master Plan,* September 25, 2020.

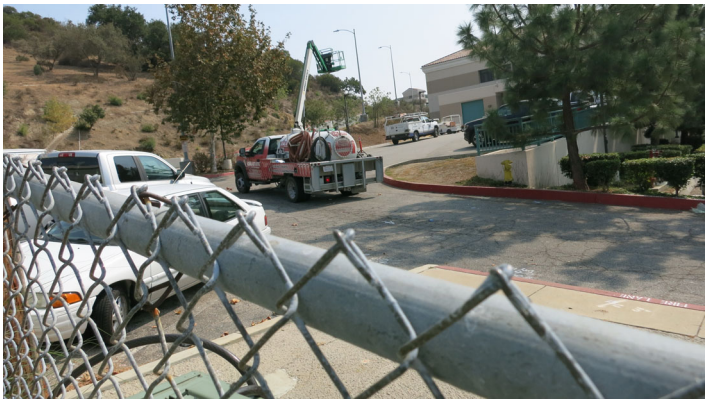
APPENDIX A

Field Noise Measurements Photo Index

Noise Measurement Site A - looking north

Noise Measurement Site A - looking northeast

Noise Measurement Site A - looking east



Noise Measurement Site A - looking southeast

Noise Measurement Site A - looking south

Noise Measurement Site A - looking southwest

Noise Measurement Site A - looking west

Noise Measurement Site A - looking northwest

Noise Measurement Site B - looking north

Noise Measurement Site B - looking northeast

Noise Measurement Site B - looking eastg

Noise Measurement Site B - looking southeast

Noise Measurement Site B - looking south

Noise Measurement Site B - looking southwest

Noise Measurement Site B - looking west

Noise Measurement Site B - looking northwest

Noise Measurement Site C - looking north

Noise Measurement Site C - looking northeast

Noise Measurement Site C - looking east

Noise Measurement Site C - looking southeast

Noise Measurement Site C - looking south

Noise Measurement Site C - looking southwest

Noise Measurement Site C - looking west

Noise Measurement Site C - looking northwest

APPENDIX B

Field Noise Measurements Printouts

Site 1 - North Side of Verdugo Campus

September 15, 2020 2:01:28 PM Leq Daytime = 57.3
Sampling Time = 1 sec Freq Weighting=A Leq Nighttime = 51.7
Record Num = 86402 CNEL(24hr)= 60.3
Leq = 55.3 Ldn(24hr)= 60.1
Min = 44.7 Min Leq hr at 1:50 AM 47.8
Max = 85.2 Max Leq hr at 9:57 AM 62.3

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
60.8	14:01:28		60.8	60.8
58.0	14:01:29		58.0	58.0
61.6	14:01:30		61.6	61.6
65.6	14:01:31		65.6	65.6
66.3	14:01:32		66.3	66.3
71.1	14:01:33		71.1	71.1
70.6	14:01:34		70.6	70.6
69.4	14:01:35		69.4	69.4
66.0	14:01:36		66.0	66.0
62.6	14:01:37		62.6	62.6
59.4	14:01:38		59.4	59.4
56.5	14:01:39		56.5	56.5
54.6	14:01:40		54.6	54.6
54.7	14:01:41		54.7	54.7
55.5	14:01:42		55.5	55.5
54.7	14:01:43		54.7	54.7
53.5	14:01:44		53.5	53.5
59.7	14:01:45		59.7	59.7
61.6	14:01:46		61.6	61.6
59.2	14:01:47		59.2	59.2
57.7	14:01:48		57.7	57.7
58.5	14:01:49		58.5	58.5
60.8	14:01:50		60.8	60.8
63.4	14:01:51		63.4	63.4
62.6	14:01:52		62.6	62.6
61.8	14:01:53		61.8	61.8
60.5	14:01:54		60.5	60.5
59.5	14:01:55		59.5	59.5
60.5	14:01:56		60.5	60.5
61.1	14:01:57		61.1	61.1
60.6	14:01:58		60.6	60.6
60.0	14:01:59		60.0	60.0
59.6	14:02:00		59.6	59.6
59.6	14:02:01		59.6	59.6
60.0	14:02:02		60.0	60.0
59.9	14:02:03		59.9	59.9
61.0	14:02:04		61.0	61.0
59.1	14:02:05		59.1	59.1
57.5	14:02:06		57.5	57.5
56.0	14:02:07		56.0	56.0
57.0	14:02:08		57.0	57.0
59.6	14:02:09		59.6	59.6
60.3	14:02:10		60.3	60.3
60.1	14:02:11		60.1	60.1
59.7	14:02:12		59.7	59.7
59.6	14:02:13		59.6	59.6
60.5	14:02:14		60.5	60.5
60.4	14:02:15		60.4	60.4
65.9	14:02:16		65.9	65.9
63.5	14:02:17		63.5	63.5
70.0	14:02:18		70.0	70.0
66.9	14:02:19		66.9	66.9
63.8	14:02:20		63.8	63.8
63.8	14:02:21		63.8	63.8
63.2	14:02:22		63.2	63.2
63.5	14:02:23		63.5	63.5
64.8	14:02:24		64.8	64.8
63.2	14:02:25		63.2	63.2
60.1	14:02:26		60.1	60.1
59.1	14:02:27		59.1	59.1
62.3	14:02:28		62.3	62.3
63.8	14:02:29		63.8	63.8
62.6	14:02:30		62.6	62.6
60.0	14:02:31		60.0	60.0
58.0	14:02:32		58.0	58.0
56.8	14:02:33		56.8	56.8
55.5	14:02:34		55.5	55.5
54.3	14:02:35		54.3	54.3
55.0	14:02:36		55.0	55.0
57.8	14:02:37		57.8	57.8
59.9	14:02:38		59.9	59.9
61.5	14:02:39		61.5	61.5
58.9	14:02:40		58.9	58.9
60.8	14:02:41		60.8	60.8
61.8	14:02:42		61.8	61.8
62.1	14:02:43		62.1	62.1
61.6	14:02:44		61.6	61.6
59.0	14:02:45		59.0	59.0
64.4	14:02:46		64.4	64.4
66.9	14:02:47		66.9	66.9
63.1	14:02:48		63.1	63.1
59.6	14:02:49		59.6	59.6
57.5	14:02:50		57.5	57.5
60.7	14:02:51		60.7	60.7
65.8	14:02:52		65.8	65.8
63.5	14:02:53		63.5	63.5
60.2	14:02:54		60.2	60.2
60.1	14:02:55		60.1	60.1
62.8	14:02:56		62.8	62.8
61.7	14:02:57		61.7	61.7
60.7	14:02:58		60.7	60.7
59.2	14:02:59		59.2	59.2
60.4	14:03:00		60.4	60.4
64.6	14:03:01		64.6	64.6
62.0	14:03:02		62.0	62.0
60.7	14:03:03		60.7	60.7
60.2	14:03:04		60.2	60.2
64.4	14:03:05		64.4	64.4
66.7	14:03:06		66.7	66.7
63.7	14:03:07		63.7	63.7
62.4	14:03:08		62.4	62.4
66.2	14:03:09		66.2	66.2
66.7	14:03:10		66.7	66.7
65.8	14:03:11		65.8	65.8
64.5	14:03:12		64.5	64.5
62.7	14:03:13		62.7	62.7
60.9	14:03:14		60.9	60.9
58.1	14:03:15		58.1	58.1
57.1	14:03:16		57.1	57.1
55.6	14:03:17		55.6	55.6
54.3	14:03:18		54.3	54.3
53.4	14:03:19		53.4	53.4
59.2	14:03:20		59.2	59.2
60.8	14:03:21		60.8	60.8
57.9	14:03:22		57.9	57.9
55.2	14:03:23		55.2	55.2
54.2	14:03:24		54.2	54.2
56.3	14:03:25		56.3	56.3
56.4	14:03:26		56.4	56.4
62.2	14:03:27		62.2	62.2
64.5	14:03:28		64.5	64.5
61.9	14:03:29		61.9	61.9
73.2	14:03:30		73.2	73.2
71.0	14:03:31		71.0	71.0
66.9	14:03:32		66.9	66.9
62.9	14:03:33		62.9	62.9
59.2	14:03:34		59.2	59.2
56.2	14:03:35		56.2	56.2
53.9	14:03:36		53.9	53.9
53.4	14:03:37		53.4	53.4
54.2	14:03:38		54.2	54.2
52.9	14:03:39		52.9	52.9
52.3	14:03:40		52.3	52.3
52.2	14:03:41		52.2	52.2
58.1	14:03:42		58.1	58.1
59.8	14:03:43		59.8	59.8
60.3	14:03:44		60.3	60.3
59.5	14:03:45		59.5	59.5
58.2	14:03:46		58.2	58.2
56.2	14:03:47		56.2	56.2
54.1	14:03:48		54.1	54.1
53.9	14:03:49		53.9	53.9
57.4	14:03:50		57.4	57.4
57.8	14:03:51		57.8	57.8
58.8	14:03:52		58.8	58.8
58.1	14:03:53		58.1	58.1
56.8	14:03:54		56.8	56.8
58.1	14:03:55		58.1	58.1
58.0	14:03:56		58.0	58.0
59.0	14:03:57		59.0	59.0
58.7	14:03:58		58.7	58.7
58.1	14:03:59		58.1	58.1
57.1	14:04:00		57.1	57.1
58.3	14:04:01		58.3	58.3
59.1	14:04:02		59.1	59.1
59.3	14:04:03		59.3	59.3
59.6	14:04:04		59.6	59.6
58.9	14:04:05		58.9	58.9
58.9	14:04:06		58.9	58.9
58.9	14:04:07		58.9	58.9
57.5	14:04:08		57.5	57.5
56.2	14:04:09		56.2	56.2
56.9	14:04:10		56.9	56.9
58.6	14:04:11		58.6	58.6
58.8	14:04:12		58.8	58.8
56.2	14:04:13		56.2	56.2
58.1	14:04:14		58.1	58.1
59.4	14:04:15		59.4	59.4
59.8	14:04:16		59.8	59.8
59.0	14:04:17		59.0	59.0

Site 2 - South Side of Garfield Campus

September 15, 2020 1:44:05 PM Leq Daytime = 56.9
Sampling Time = 1 sec Freq Weighting=A Leq Nighttime = 47.6
Record Num = 86402 CNEL(24hr)= 57.6
Leq = 54.4 Ldn(24hr)= 57.3
Min = 37.3 Min Leq hr at 4:08 AM 42.3
Max = 90.8 Max Leq hr at 5:17 PM 61.4

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
54.6	13:44:05		54.6	54.6
67.0	13:44:06		67.0	67.0
65.0	13:44:07		65.0	65.0
62.7	13:44:08		62.7	62.7
62.5	13:44:09		62.5	62.5
67.9	13:44:10		67.9	67.9
66.1	13:44:11		66.1	66.1
62.5	13:44:12		62.5	62.5
60.4	13:44:13		60.4	60.4
56.5	13:44:14		56.5	56.5
53.3	13:44:15		53.3	53.3
51.2	13:44:16		51.2	51.2
52.8	13:44:17		52.8	52.8
50.6	13:44:18		50.6	50.6
48.8	13:44:19		48.8	48.8
48.2	13:44:20		48.2	48.2
49.2	13:44:21		49.2	49.2
48.1	13:44:22		48.1	48.1
53.8	13:44:23		53.8	53.8
52.1	13:44:24		52.1	52.1
53.9	13:44:25		53.9	53.9
55.8	13:44:26		55.8	55.8
54.8	13:44:27		54.8	54.8
57.3	13:44:28		57.3	57.3
56.3	13:44:29		56.3	56.3
74.1	13:44:30		74.1	74.1
76.5	13:44:31		76.5	76.5
72.7	13:44:32		72.7	72.7
69.0	13:44:33		69.0	69.0
65.7	13:44:34		65.7	65.7
61.9	13:44:35		61.9	61.9
58.3	13:44:36		58.3	58.3
55.5	13:44:37		55.5	55.5
54.4	13:44:38		54.4	54.4
57.1	13:44:39		57.1	57.1
57.4	13:44:40		57.4	57.4
56.3	13:44:41		56.3	56.3
54.7	13:44:42		54.7	54.7
51.5	13:44:43		51.5	51.5
51.1	13:44:44		51.1	51.1
50.7	13:44:45		50.7	50.7
48.9	13:44:46		48.9	48.9
48.5	13:44:47		48.5	48.5
50.9	13:44:48		50.9	50.9
51.3	13:44:49		51.3	51.3
49.8	13:44:50		49.8	49.8
49.1	13:44:51		49.1	49.1
49.0	13:44:52		49.0	49.0
50.4	13:44:53		50.4	50.4
55.6	13:44:54		55.6	55.6
57.0	13:44:55		57.0	57.0
60.0	13:44:56		60.0	60.0
61.6	13:44:57		61.6	61.6
63.2	13:44:58		63.2	63.2
62.9	13:44:59		62.9	62.9
59.2	13:45:00		59.2	59.2
55.6	13:45:01		55.6	55.6
52.6	13:45:02		52.6	52.6
54.2	13:45:03		54.2	54.2
53.0	13:45:04		53.0	53.0
51.3	13:45:05		51.3	51.3
51.8	13:45:06		51.8	51.8
60.4	13:45:07		60.4	60.4
59.3	13:45:08		59.3	59.3
57.0	13:45:09		57.0	57.0
60.3	13:45:10		60.3	60.3
61.7	13:45:11		61.7	61.7
64.5	13:45:12		64.5	64.5
65.5	13:45:13		65.5	65.5
63.4	13:45:14		63.4	63.4
60.7	13:45:15		60.7	60.7
60.4	13:45:16		60.4	60.4
58.4	13:45:17		58.4	58.4
62.1	13:45:18		62.1	62.1
62.0	13:45:19		62.0	62.0
58.8	13:45:20		58.8	58.8
56.0	13:45:21		56.0	56.0
53.5	13:45:22		53.5	53.5
51.2	13:45:23		51.2	51.2
49.9	13:45:24		49.9	49.9
51.2	13:45:25		51.2	51.2
52.6	13:45:26		52.6	52.6
50.7	13:45:27		50.7	50.7
49.3	13:45:28		49.3	49.3
50.0	13:45:29		50.0	50.0
50.3	13:45:30		50.3	50.3
52.2	13:45:31		52.2	52.2
55.3	13:45:32		55.3	55.3
58.3	13:45:33		58.3	58.3
57.9	13:45:34		57.9	57.9
57.5	13:45:35		57.5	57.5
55.7	13:45:36		55.7	55.7
53.8	13:45:37		53.8	53.8
52.6	13:45:38		52.6	52.6
53.8	13:45:39		53.8	53.8
56.7	13:45:40		56.7	56.7
57.6	13:45:41		57.6	57.6
56.8	13:45:42		56.8	56.8
55.3	13:45:43		55.3	55.3
52.8	13:45:44		52.8	52.8
50.5	13:45:45		50.5	50.5
48.6	13:45:46		48.6	48.6
47.9	13:45:47		47.9	47.9
47.6	13:45:48		47.6	47.6
47.2	13:45:49		47.2	47.2
47.3	13:45:50		47.3	47.3
47.6	13:45:51		47.6	47.6
47.6	13:45:52		47.6	47.6
47.7	13:45:53		47.7	47.7
47.7	13:45:54		47.7	47.7
47.4	13:45:55		47.4	47.4
47.6	13:45:56		47.6	47.6
48.6	13:45:57		48.6	48.6
48.5	13:45:58		48.5	48.5
47.1	13:45:59		47.1	47.1
46.2	13:46:00		46.2	46.2
45.5	13:46:01		45.5	45.5
45.3	13:46:02		45.3	45.3
45.1	13:46:03		45.1	45.1
44.6	13:46:04		44.6	44.6
49.1	13:46:05		49.1	49.1
54.1	13:46:06		54.1	54.1
50.8	13:46:07		50.8	50.8
48.4	13:46:08		48.4	48.4
47.3	13:46:09		47.3	47.3
46.6	13:46:10		46.6	46.6
46.4	13:46:11		46.4	46.4
47.0	13:46:12		47.0	47.0
46.8	13:46:13		46.8	46.8
46.8	13:46:14		46.8	46.8
47.5	13:46:15		47.5	47.5
47.5	13:46:16		47.5	47.5
47.2	13:46:17		47.2	47.2
47.3	13:46:18		47.3	47.3
47.1	13:46:19		47.1	47.1
46.8	13:46:20		46.8	46.8
46.2	13:46:21		46.2	46.2
46.1	13:46:22		46.1	46.1
46.1	13:46:23		46.1	46.1
45.9	13:46:24		45.9	45.9
46.6	13:46:25		46.6	46.6
47.6	13:46:26		47.6	47.6
50.7	13:46:27		50.7	50.7
50.8	13:46:28		50.8	50.8
50.3	13:46:29		50.3	50.3
49.4	13:46:30		49.4	49.4
49.0	13:46:31		49.0	49.0
50.1	13:46:32		50.1	50.1
49.2	13:46:33		49.2	49.2
48.2	13:46:34		48.2	48.2
47.1	13:46:35		47.1	47.1
46.6	13:46:36		46.6	46.6
46.0	13:46:37		46.0	46.0
46.7	13:46:38		46.7	46.7
47.0	13:46:39		47.0	47.0
47.0	13:46:40		47.0	47.0
47.6	13:46:41		47.6	47.6
46.9	13:46:42		46.9	46.9
46.5	13:46:43		46.5	46.5
46.7	13:46:44		46.7	46.7
46.9	13:46:45		46.9	46.9
46.1	13:46:46		46.1	46.1
46.3	13:46:47		46.3	46.3
45.9	13:46:48		45.9	45.9
45.6	13:46:49		45.6	45.6
45.9	13:46:50		45.9	45.9
46.2	13:46:51		46.2	46.2
46.8	13:46:52		46.8	46.8
46.9	13:46:53		46.9	46.9
47.1	13:46:54		47.1	47.1

Site 3 - South Side of Montrose Campus

September 15, 2020 2:18:51 PM Leq Daytime = 55.5
Sampling Time = 1 sec Freq Weighting=A Leq Nighttime = 47.9
Record Num = 86402 CNEL(24hr)= 57.2
Leq = 53.1 Ldn(24hr)= 56.9
Min = 37.7 Min Leq hr at 3:53 AM 42.8
Max = 91.5 Max Leq hr at 4:30 PM 62.2

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
52.8	14:18:51		52.8	52.8
51.0	14:18:52		51.0	51.0
53.7	14:18:53		53.7	53.7
58.9	14:18:54		58.9	58.9
57.5	14:18:55		57.5	57.5
75.1	14:18:56		75.1	75.1
72.9	14:18:57		72.9	72.9
69.2	14:18:58		69.2	69.2
65.0	14:18:59		65.0	65.0
60.9	14:19:00		60.9	60.9
57.4	14:19:01		57.4	57.4
54.2	14:19:02		54.2	54.2
51.7	14:19:03		51.7	51.7
49.5	14:19:04		49.5	49.5
53.2	14:19:05		53.2	53.2
52.5	14:19:06		52.5	52.5
53.5	14:19:07		53.5	53.5
57.2	14:19:08		57.2	57.2
65.4	14:19:09		65.4	65.4
66.8	14:19:10		66.8	66.8
63.3	14:19:11		63.3	63.3
60.9	14:19:12		60.9	60.9
59.4	14:19:13		59.4	59.4
59.4	14:19:14		59.4	59.4
59.8	14:19:15		59.8	59.8
60.1	14:19:16		60.1	60.1
58.5	14:19:17		58.5	58.5
56.9	14:19:18		56.9	56.9
56.7	14:19:19		56.7	56.7
59.2	14:19:20		59.2	59.2
59.6	14:19:21		59.6	59.6
56.5	14:19:22		56.5	56.5
54.4	14:19:23		54.4	54.4
52.3	14:19:24		52.3	52.3
52.0	14:19:25		52.0	52.0
49.9	14:19:26		49.9	49.9
49.0	14:19:27		49.0	49.0
49.4	14:19:28		49.4	49.4
49.3	14:19:29		49.3	49.3
50.0	14:19:30		50.0	50.0
48.8	14:19:31		48.8	48.8
47.6	14:19:32		47.6	47.6
46.9	14:19:33		46.9	46.9
45.7	14:19:34		45.7	45.7
65.2	14:19:35		65.2	65.2
65.5	14:19:36		65.5	65.5
61.4	14:19:37		61.4	61.4
58.2	14:19:38		58.2	58.2
56.8	14:19:39		56.8	56.8
62.0	14:19:40		62.0	62.0
62.3	14:19:41		62.3	62.3
61.9	14:19:42		61.9	61.9
62.6	14:19:43		62.6	62.6
65.4	14:19:44		65.4	65.4
67.0	14:19:45		67.0	67.0
64.2	14:19:46		64.2	64.2
61.4	14:19:47		61.4	61.4
59.6	14:19:48		59.6	59.6
60.7	14:19:49		60.7	60.7
57.2	14:19:50		57.2	57.2
54.9	14:19:51		54.9	54.9
58.1	14:19:52		58.1	58.1
58.9	14:19:53		58.9	58.9
55.5	14:19:54		55.5	55.5
58.4	14:19:55		58.4	58.4
61.7	14:19:56		61.7	61.7
57.9	14:19:57		57.9	57.9
57.7	14:19:58		57.7	57.7
66.5	14:19:59		66.5	66.5
64.6	14:20:00		64.6	64.6
68.5	14:20:01		68.5	68.5
68.8	14:20:02		68.8	68.8
69.0	14:20:03		69.0	69.0
65.1	14:20:04		65.1	65.1
61.5	14:20:05		61.5	61.5
65.7	14:20:06		65.7	65.7
67.0	14:20:07		67.0	67.0
66.5	14:20:08		66.5	66.5
63.9	14:20:09		63.9	63.9
63.3	14:20:10		63.3	63.3
59.4	14:20:11		59.4	59.4
62.2	14:20:12		62.2	62.2
65.4	14:20:13		65.4	65.4
61.6	14:20:14		61.6	61.6
58.1	14:20:15		58.1	58.1
69.9	14:20:16		69.9	69.9
74.0	14:20:17		74.0	74.0
72.9	14:20:18		72.9	72.9
69.1	14:20:19		69.1	69.1
65.2	14:20:20		65.2	65.2
63.0	14:20:21		63.0	63.0
59.9	14:20:22		59.9	59.9
56.8	14:20:23		56.8	56.8
55.1	14:20:24		55.1	55.1
53.6	14:20:25		53.6	53.6
52.0	14:20:26		52.0	52.0
50.7	14:20:27		50.7	50.7
70.0	14:20:28		70.0	70.0
75.6	14:20:29		75.6	75.6
71.3	14:20:30		71.3	71.3
67.2	14:20:31		67.2	67.2
63.0	14:20:32		63.0	63.0
59.2	14:20:33		59.2	59.2
60.5	14:20:34		60.5	60.5
67.2	14:20:35		67.2	67.2
70.3	14:20:36		70.3	70.3
70.3	14:20:37		70.3	70.3
66.8	14:20:38		66.8	66.8
62.7	14:20:39		62.7	62.7
61.8	14:20:40		61.8	61.8
58.4	14:20:41		58.4	58.4
55.6	14:20:42		55.6	55.6
64.7	14:20:43		64.7	64.7
62.4	14:20:44		62.4	62.4
59.4	14:20:45		59.4	59.4
56.9	14:20:46		56.9	56.9
59.2	14:20:47		59.2	59.2
64.9	14:20:48		64.9	64.9
65.5	14:20:49		65.5	65.5
63.3	14:20:50		63.3	63.3
63.0	14:20:51		63.0	63.0
63.2	14:20:52		63.2	63.2
67.2	14:20:53		67.2	67.2
65.6	14:20:54		65.6	65.6
65.4	14:20:55		65.4	65.4
63.8	14:20:56		63.8	63.8
67.5	14:20:57		67.5	67.5
66.3	14:20:58		66.3	66.3
62.8	14:20:59		62.8	62.8
60.5	14:21:00		60.5	60.5
58.3	14:21:01		58.3	58.3
57.3	14:21:02		57.3	57.3
57.6	14:21:03		57.6	57.6
57.9	14:21:04		57.9	57.9
64.3	14:21:05		64.3	64.3
70.6	14:21:06		70.6	70.6
69.6	14:21:07		69.6	69.6
67.4	14:21:08		67.4	67.4
65.0	14:21:09		65.0	65.0
66.7	14:21:10		66.7	66.7
67.7	14:21:11		67.7	67.7
65.7	14:21:12		65.7	65.7
62.4	14:21:13		62.4	62.4
61.0	14:21:14		61.0	61.0
58.4	14:21:15		58.4	58.4
57.0	14:21:16		57.0	57.0
56.4	14:21:17		56.4	56.4
54.6	14:21:18		54.6	54.6
52.4	14:21:19		52.4	52.4
51.9	14:21:20		51.9	51.9
51.8	14:21:21		51.8	51.8
51.4	14:21:22		51.4	51.4
50.3	14:21:23		50.3	50.3
49.3	14:21:24		49.3	49.3
49.5	14:21:25		49.5	49.5
55.9	14:21:26		55.9	55.9
61.9	14:21:27		61.9	61.9
62.7	14:21:28		62.7	62.7
60.3	14:21:29		60.3	60.3
57.3	14:21:30		57.3	57.3
54.9	14:21:31		54.9	54.9
52.5	14:21:32		52.5	52.5
50.0	14:21:33		50.0	50.0
47.6	14:21:34		47.6	47.6
45.9	14:21:35		45.9	45.9
45.2	14:21:36		45.2	45.2
45.1	14:21:37		45.1	45.1
45.1	14:21:38		45.1	45.1
44.9	14:21:39		44.9	44.9
44.8	14:21:40		44.8	44.8

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
57.7	14:04:18		57.7	57.7
56.7	14:04:19		56.7	56.7
56.5	14:04:20		56.5	56.5
57.6	14:04:21		57.6	57.6
57.4	14:04:22		57.4	57.4
57.1	14:04:23		57.1	57.1
55.8	14:04:24		55.8	55.8
54.5	14:04:25		54.5	54.5
53.6	14:04:26		53.6	53.6
53.0	14:04:27		53.0	53.0
53.3	14:04:28		53.3	53.3
53.4	14:04:29		53.4	53.4
53.7	14:04:30		53.7	53.7
54.1	14:04:31		54.1	54.1
54.4	14:04:32		54.4	54.4
54.7	14:04:33		54.7	54.7
54.8	14:04:34		54.8	54.8
54.2	14:04:35		54.2	54.2
54.1	14:04:36		54.1	54.1
53.3	14:04:37		53.3	53.3
52.7	14:04:38		52.7	52.7
52.4	14:04:39		52.4	52.4
52.4	14:04:40		52.4	52.4
52.5	14:04:41		52.5	52.5
53.6	14:04:42		53.6	53.6
54.7	14:04:43		54.7	54.7
54.4	14:04:44		54.4	54.4
53.8	14:04:45		53.8	53.8
53.4	14:04:46		53.4	53.4
53.5	14:04:47		53.5	53.5
55.6	14:04:48		55.6	55.6
55.7	14:04:49		55.7	55.7
55.8	14:04:50		55.8	55.8
57.0	14:04:51		57.0	57.0
58.4	14:04:52		58.4	58.4
60.0	14:04:53		60.0	60.0
58.4	14:04:54		58.4	58.4
57.6	14:04:55		57.6	57.6
59.3	14:04:56		59.3	59.3
59.9	14:04:57		59.9	59.9
61.0	14:04:58		61.0	61.0
61.8	14:04:59		61.8	61.8
61.3	14:05:00		61.3	61.3
59.6	14:05:01		59.6	59.6
59.4	14:05:02		59.4	59.4
59.0	14:05:03		59.0	59.0
59.1	14:05:04		59.1	59.1
59.9	14:05:05		59.9	59.9
59.5	14:05:06		59.5	59.5
58.9	14:05:07		58.9	58.9
60.4	14:05:08		60.4	60.4
60.9	14:05:09		60.9	60.9
60.7	14:05:10		60.7	60.7
61.0	14:05:11		61.0	61.0
61.2	14:05:12		61.2	61.2
61.2	14:05:13		61.2	61.2
61.9	14:05:14		61.9	61.9
62.3	14:05:15		62.3	62.3
60.7	14:05:16		60.7	60.7
58.8	14:05:17		58.8	58.8
58.6	14:05:18		58.6	58.6
58.1	14:05:19		58.1	58.1
56.8	14:05:20		56.8	56.8
56.1	14:05:21		56.1	56.1
56.5	14:05:22		56.5	56.5
58.0	14:05:23		58.0	58.0
57.8	14:05:24		57.8	57.8
58.3	14:05:25		58.3	58.3
58.0	14:05:26		58.0	58.0
58.7	14:05:27		58.7	58.7
59.6	14:05:28		59.6	59.6
60.2	14:05:29		60.2	60.2
62.0	14:05:30		62.0	62.0
62.5	14:05:31		62.5	62.5
62.7	14:05:32		62.7	62.7
62.3	14:05:33		62.3	62.3
62.0	14:05:34		62.0	62.0
60.8	14:05:35		60.8	60.8
59.7	14:05:36		59.7	59.7
59.6	14:05:37		59.6	59.6
59.1	14:05:38		59.1	59.1
58.6	14:05:39		58.6	58.6
58.6	14:05:40		58.6	58.6
59.5	14:05:41		59.5	59.5
60.5	14:05:42		60.5	60.5
61.8	14:05:43		61.8	61.8
62.3	14:05:44		62.3	62.3
61.6	14:05:45		61.6	61.6
61.7	14:05:46		61.7	61.7
61.6	14:05:47		61.6	61.6
60.3	14:05:48		60.3	60.3
61.0	14:05:49		61.0	61.0
60.8	14:05:50		60.8	60.8
60.8	14:05:51		60.8	60.8
61.2	14:05:52		61.2	61.2
61.3	14:05:53		61.3	61.3
60.6	14:05:54		60.6	60.6
61.1	14:05:55		61.1	61.1
61.4	14:05:56		61.4	61.4
61.0	14:05:57		61.0	61.0
60.1	14:05:58		60.1	60.1
59.8	14:05:59		59.8	59.8
59.6	14:06:00		59.6	59.6
59.1	14:06:01		59.1	59.1
58.2	14:06:02		58.2	58.2
57.9	14:06:03		57.9	57.9
58.3	14:06:04		58.3	58.3
58.9	14:06:05		58.9	58.9
59.6	14:06:06		59.6	59.6
61.1	14:06:07		61.1	61.1
63.3	14:06:08		63.3	63.3
64.0	14:06:09		64.0	64.0
62.7	14:06:10		62.7	62.7
60.8	14:06:11		60.8	60.8
60.7	14:06:12		60.7	60.7
61.5	14:06:13		61.5	61.5
60.9	14:06:14		60.9	60.9
58.3	14:06:15		58.3	58.3
59.4	14:06:16		59.4	59.4
63.0	14:06:17		63.0	63.0
64.0	14:06:18		64.0	64.0
64.1	14:06:19		64.1	64.1
64.0	14:06:20		64.0	64.0
64.6	14:06:21		64.6	64.6
64.9	14:06:22		64.9	64.9
64.1	14:06:23		64.1	64.1
63.9	14:06:24		63.9	63.9
63.4	14:06:25		63.4	63.4
63.7	14:06:26		63.7	63.7
63.2	14:06:27		63.2	63.2
63.6	14:06:28		63.6	63.6
64.2	14:06:29		64.2	64.2
63.9	14:06:30		63.9	63.9
62.3	14:06:31		62.3	62.3
60.9	14:06:32		60.9	60.9
60.8	14:06:33		60.8	60.8
61.8	14:06:34		61.8	61.8
61.8	14:06:35		61.8	61.8
61.8	14:06:36		61.8	61.8
61.5	14:06:37		61.5	61.5
61.4	14:06:38		61.4	61.4
61.9	14:06:39		61.9	61.9
61.4	14:06:40		61.4	61.4
60.0	14:06:41		60.0	60.0
59.4	14:06:42		59.4	59.4
58.7	14:06:43		58.7	58.7
58.3	14:06:44		58.3	58.3
57.9	14:06:45		57.9	57.9
56.6	14:06:46		56.6	56.6
55.5	14:06:47		55.5	55.5
55.1	14:06:48		55.1	55.1
55.8	14:06:49		55.8	55.8
56.8	14:06:50		56.8	56.8
57.4	14:06:51		57.4	57.4
56.3	14:06:52		56.3	56.3
54.9	14:06:53		54.9	54.9
54.3	14:06:54		54.3	54.3
53.7	14:06:55		53.7	53.7
56.0	14:06:56		56.0	56.0
56.9	14:06:57		56.9	56.9
57.4	14:06:58		57.4	57.4
56.8	14:06:59		56.8	56.8
57.0	14:07:00		57.0	57.0
58.0	14:07:01		58.0	58.0
58.7	14:07:02		58.7	58.7
59.7	14:07:03		59.7	59.7
61.5	14:07:04		61.5	61.5
62.2	14:07:05		62.2	62.2
60.7	14:07:06		60.7	60.7
58.7	14:07:07		58.7	58.7
56.7	14:07:08		56.7	56.7
56.9	14:07:09		56.9	56.9
57.1	14:07:10		57.1	57.1
57.4	14:07:11		57.4	57.4
57.8	14:07:12		57.8	57.8
58.1	14:07:13		58.1	58.1
58.4	14:07:14		58.4	58.4
56.7	14:07:15		56.7	56.7
55.3	14:07:16		55.3	55.3
54.5	14:07:17		54.5	54.5
54.8	14:07:18		54.8	54.8
54.8	14:07:19		54.8	54.8

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
48.5	13:46:55		48.5	48.5
48.1	13:46:56		48.1	48.1
47.4	13:46:57		47.4	47.4
47.9	13:46:58		47.9	47.9
47.6	13:46:59		47.6	47.6
49.7	13:47:00		49.7	49.7
50.8	13:47:01		50.8	50.8
50.4	13:47:02		50.4	50.4
50.3	13:47:03		50.3	50.3
49.3	13:47:04		49.3	49.3
48.6	13:47:05		48.6	48.6
49.8	13:47:06		49.8	49.8
49.1	13:47:07		49.1	49.1
48.5	13:47:08		48.5	48.5
48.7	13:47:09		48.7	48.7
48.3	13:47:10		48.3	48.3
48.1	13:47:11		48.1	48.1
48.8	13:47:12		48.8	48.8
50.4	13:47:13		50.4	50.4
52.5	13:47:14		52.5	52.5
56.4	13:47:15		56.4	56.4
59.5	13:47:16		59.5	59.5
61.4	13:47:17		61.4	61.4
60.6	13:47:18		60.6	60.6
57.7	13:47:19		57.7	57.7
54.8	13:47:20		54.8	54.8
52.5	13:47:21		52.5	52.5
50.8	13:47:22		50.8	50.8
49.7	13:47:23		49.7	49.7
48.5	13:47:24		48.5	48.5
47.6	13:47:25		47.6	47.6
47.4	13:47:26		47.4	47.4
47.7	13:47:27		47.7	47.7
47.5	13:47:28		47.5	47.5
47.7	13:47:29		47.7	47.7
48.6	13:47:30		48.6	48.6
49.7	13:47:31		49.7	49.7
51.4	13:47:32		51.4	51.4
55.9	13:47:33		55.9	55.9
60.1	13:47:34		60.1	60.1
63.7	13:47:35		63.7	63.7
64.5	13:47:36		64.5	64.5
64.5	13:47:37		64.5	64.5
65.5	13:47:38		65.5	65.5
62.5	13:47:39		62.5	62.5
58.8	13:47:40		58.8	58.8
55.5	13:47:41		55.5	55.5
53.1	13:47:42		53.1	53.1
53.4	13:47:43		53.4	53.4
53.4	13:47:44		53.4	53.4
53.2	13:47:45		53.2	53.2
52.2	13:47:46		52.2	52.2
50.5	13:47:47		50.5	50.5
50.2	13:47:48		50.2	50.2
51.0	13:47:49		51.0	51.0
50.5	13:47:50		50.5	50.5
50.2	13:47:51		50.2	50.2
49.7	13:47:52		49.7	49.7
48.6	13:47:53		48.6	48.6
48.0	13:47:54		48.0	48.0
47.4	13:47:55		47.4	47.4
47.2	13:47:56		47.2	47.2
47.2	13:47:57		47.2	47.2
46.9	13:47:58		46.9	46.9
46.8	13:47:59		46.8	46.8
47.3	13:48:00		47.3	47.3
48.0	13:48:01		48.0	48.0
49.7	13:48:02		49.7	49.7
52.7	13:48:03		52.7	52.7
56.6	13:48:04		56.6	56.6
61.5	13:48:05		61.5	61.5
62.8	13:48:06		62.8	62.8
61.3	13:48:07		61.3	61.3
58.2	13:48:08		58.2	58.2
54.9	13:48:09		54.9	54.9
52.1	13:48:10		52.1	52.1
49.7	13:48:11		49.7	49.7
47.9	13:48:12		47.9	47.9
46.5	13:48:13		46.5	46.5
46.1	13:48:14		46.1	46.1
46.3	13:48:15		46.3	46.3
45.3	13:48:16		45.3	45.3
45.6	13:48:17		45.6	45.6
45.5	13:48:18		45.5	45.5
44.8	13:48:19		44.8	44.8
44.4	13:48:20		44.4	44.4
44.4	13:48:21		44.4	44.4
44.5	13:48:22		44.5	44.5
44.6	13:48:23		44.6	44.6
44.7	13:48:24		44.7	44.7
44.6	13:48:25		44.6	44.6
44.6	13:48:26		44.6	44.6
44.4	13:48:27		44.4	44.4
44.2	13:48:28		44.2	44.2
44.2	13:48:29		44.2	44.2
44.3	13:48:30		44.3	44.3
44.6	13:48:31		44.6	44.6
45.3	13:48:32		45.3	45.3
45.7	13:48:33		45.7	45.7
46.0	13:48:34		46.0	46.0
46.0	13:48:35		46.0	46.0
45.9	13:48:36		45.9	45.9
46.0	13:48:37		46.0	46.0
46.3	13:48:38		46.3	46.3
46.3	13:48:39		46.3	46.3
46.2	13:48:40		46.2	46.2
45.9	13:48:41		45.9	45.9
45.9	13:48:42		45.9	45.9
45.7	13:48:43		45.7	45.7
45.9	13:48:44		45.9	45.9
47.2	13:48:45		47.2	47.2
47.5	13:48:46		47.5	47.5
48.0	13:48:47		48.0	48.0
49.0	13:48:48		49.0	49.0
49.8	13:48:49		49.8	49.8
50.5	13:48:50		50.5	50.5
51.9	13:48:51		51.9	51.9
53.0	13:48:52		53.0	53.0
54.0	13:48:53		54.0	54.0
54.0	13:48:54		54.0	54.0
52.3	13:48:55		52.3	52.3
51.1	13:48:56		51.1	51.1
50.2	13:48:57		50.2	50.2
49.8	13:48:58		49.8	49.8
50.0	13:48:59		50.0	50.0
49.7	13:49:00		49.7	49.7
49.0	13:49:01		49.0	49.0
48.8	13:49:02		48.8	48.8
48.9	13:49:03		48.9	48.9
48.9	13:49:04		48.9	48.9
49.0	13:49:05		49.0	49.0
49.1	13:49:06		49.1	49.1
48.6	13:49:07		48.6	48.6
48.4	13:49:08		48.4	48.4
48.3	13:49:09		48.3	48.3
48.4	13:49:10		48.4	48.4
48.9	13:49:11		48.9	48.9
49.3	13:49:12		49.3	49.3
48.5	13:49:13		48.5	48.5
47.9	13:49:14		47.9	47.9
47.5	13:49:15		47.5	47.5
46.3	13:49:16		46.3	46.3
46.0	13:49:17		46.0	46.0
45.7	13:49:18		45.7	45.7
45.3	13:49:19		45.3	45.3
48.3	13:49:20		48.3	48.3
51.5	13:49:21		51.5	51.5
49.4	13:49:22		49.4	49.4
47.5	13:49:23		47.5	47.5
46.6	13:49:24		46.6	46.6
46.1	13:49:25		46.1	46.1
46.7	13:49:26		46.7	46.7
47.0	13:49:27		47.0	47.0
47.2	13:49:28		47.2	47.2
46.6	13:49:29		46.6	46.6
46.4	13:49:30		46.4	46.4
46.8	13:49:31		46.8	46.8
47.2	13:49:32		47.2	47.2
47.0	13:49:33		47.0	47.0
47.6	13:49:34		47.6	47.6
48.7	13:49:35		48.7	48.7
49.1	13:49:36		49.1	49.1
48.6	13:49:37		48.6	48.6
48.1	13:49:38		48.1	48.1
48.0	13:49:39		48.0	48.0
47.6	13:49:40		47.6	47.6
47.6	13:49:41		47.6	47.6
48.0	13:49:42		48.0	48.0
47.8	13:49:43		47.8	47.8
47.0	13:49:44		47.0	47.0
46.7	13:49:45		46.7	46.7
45.5	13:49:46		45.5	45.5
45.3	13:49:47		45.3	45.3
45.2	13:49:48		45.2	45.2
44.8	13:49:49		44.8	44.8
45.0	13:49:50		45.0	45.0
45.8	13:49:51		45.8	45.8
46.3	13:49:52		46.3	46.3
46.8	13:49:53		46.8	46.8
47.6	13:49:54		47.6	47.6
48.6	13:49:55		48.6	48.6
49.8	13:49:56		49.8	49.8

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.0	14:21:41		45.0	45.0
44.5	14:21:42		44.5	44.5
43.9	14:21:43		43.9	43.9
43.6	14:21:44		43.6	43.6
43.4	14:21:45		43.4	43.4
43.7	14:21:46		43.7	43.7
44.0	14:21:47		44.0	44.0
44.2	14:21:48		44.2	44.2
43.8	14:21:49		43.8	43.8
43.6	14:21:50		43.6	43.6
44.0	14:21:51		44.0	44.0
44.7	14:21:52		44.7	44.7
44.8	14:21:53		44.8	44.8
45.4	14:21:54		45.4	45.4
45.0	14:21:55		45.0	45.0
44.1	14:21:56		44.1	44.1
43.8	14:21:57		43.8	43.8
43.6	14:21:58		43.6	43.6
43.5	14:21:59		43.5	43.5
43.8	14:22:00		43.8	43.8
44.2	14:22:01		44.2	44.2
44.3	14:22:02		44.3	44.3
44.5	14:22:03		44.5	44.5
45.3	14:22:04		45.3	45.3
45.7	14:22:05		45.7	45.7
46.4	14:22:06		46.4	46.4
46.6	14:22:07		46.6	46.6
46.0	14:22:08		46.0	46.0
46.3	14:22:09		46.3	46.3
46.2	14:22:10		46.2	46.2
45.9	14:22:11		45.9	45.9
45.8	14:22:12		45.8	45.8
49.3	14:22:13		49.3	49.3
52.3	14:22:14		52.3	52.3
49.9	14:22:15		49.9	49.9
49.2	14:22:16		49.2	49.2
50.7	14:22:17		50.7	50.7
51.4	14:22:18		51.4	51.4
50.4	14:22:19		50.4	50.4
49.0	14:22:20		49.0	49.0
48.1	14:22:21		48.1	48.1
47.2	14:22:22		47.2	47.2
46.6	14:22:23		46.6	46.6
46.4	14:22:24		46.4	46.4
45.9	14:22:25		45.9	45.9
45.4	14:22:26		45.4	45.4
45.0	14:22:27		45.0	45.0
44.5	14:22:28		44.5	44.5
44.3	14:22:29		44.3	44.3
44.2	14:22:30		44.2	44.2
44.4	14:22:31		44.4	44.4
44.3	14:22:32		44.3	44.3
43.9	14:22:33		43.9	43.9
45.2	14:22:34		45.2	45.2
45.6	14:22:35		45.6	45.6
45.1	14:22:36		45.1	45.1
45.4	14:22:37		45.4	45.4
44.8	14:22:38		44.8	44.8
44.4	14:22:39		44.4	44.4
44.1	14:22:40		44.1	44.1
44.3	14:22:41		44.3	44.3
44.4	14:22:42		44.4	44.4
44.7	14:22:43		44.7	44.7
45.6	14:22:44		45.6	45.6
45.9	14:22:45		45.9	45.9
45.7	14:22:46		45.7	45.7
45.5	14:22:47		45.5	45.5
45.2	14:22:48		45.2	45.2
44.8	14:22:49		44.8	44.8
44.3	14:22:50		44.3	44.3
44.1	14:22:51		44.1	44.1
44.0	14:22:52		44.0	44.0
43.9	14:22:53		43.9	43.9
44.0	14:22:54		44.0	44.0
45.6	14:22:55		45.6	45.6
46.2	14:22:56		46.2	46.2
45.6	14:22:57		45.6	45.6
45.1	14:22:58		45.1	45.1
44.9	14:22:59		44.9	44.9
44.6	14:23:00		44.6	44.6
44.9	14:23:01		44.9	44.9
45.3	14:23:02		45.3	45.3
45.1	14:23:03		45.1	45.1
45.3	14:23:04		45.3	45.3
45.3	14:23:05		45.3	45.3
45.1	14:23:06		45.1	45.1
45.5	14:23:07		45.5	45.5
45.7	14:23:08		45.7	45.7
45.8	14:23:09		45.8	45.8
46.0	14:23:10		46.0	46.0
45.7	14:23:11		45.7	45.7
45.3	14:23:12		45.3	45.3
44.8	14:23:13		44.8	44.8
44.8	14:23:14		44.8	44.8
44.6	14:23:15		44.6	44.6
44.8	14:23:16		44.8	44.8
44.7	14:23:17		44.7	44.7
44.8	14:23:18		44.8	44.8
44.4	14:23:19		44.4	44.4
43.9	14:23:20		43.9	43.9
44.1	14:23:21		44.1	44.1
45.1	14:23:22		45.1	45.1
45.2	14:23:23		45.2	45.2
45.3	14:23:24		45.3	45.3
46.3	14:23:25		46.3	46.3
45.5	14:23:26		45.5	45.5
44.8	14:23:27		44.8	44.8
44.3	14:23:28		44.3	44.3
44.2	14:23:29		44.2	44.2
44.1	14:23:30		44.1	44.1
44.4	14:23:31		44.4	44.4
44.9	14:23:32		44.9	44.9
45.2	14:23:33		45.2	45.2
44.9	14:23:34		44.9	44.9
44.5	14:23:35		44.5	44.5
44.3	14:23:36		44.3	44.3
44.1	14:23:37		44.1	44.1
43.7	14:23:38		43.7	43.7
43.2	14:23:39		43.2	43.2
43.2	14:23:40		43.2	43.2
43.0	14:23:41		43.0	43.0
43.0	14:23:42		43.0	43.0
43.0	14:23:43		43.0	43.0
43.2	14:23:44		43.2	43.2
44.0	14:23:45		44.0	44.0
44.6	14:23:46		44.6	44.6
45.0	14:23:47		45.0	45.0
45.1	14:23:48		45.1	45.1
45.1	14:23:49		45.1	45.1
44.7	14:23:50		44.7	44.7
44.1	14:23:51		44.1	44.1
43.6	14:23:52		43.6	43.6
43.2	14:23:53		43.2	43.2
43.2	14:23:54		43.2	43.2
44.1	14:23:55		44.1	44.1
45.0	14:23:56		45.0	45.0
46.0	14:23:57		46.0	46.0
48.6	14:23:58		48.6	48.6
47.9	14:23:59		47.9	47.9
46.3	14:24:00		46.3	46.3
45.5	14:24:01		45.5	45.5
45.0	14:24:02		45.0	45.0
45.0	14:24:03		45.0	45.0
45.3	14:24:04		45.3	45.3
45.6	14:24:05		45.6	45.6
45.7	14:24:06		45.7	45.7
45.8	14:24:07		45.8	45.8
45.7	14:24:08		45.7	45.7
46.2	14:24:09		46.2	46.2
47.7	14:24:10		47.7	47.7
47.4	14:24:11		47.4	47.4
46.6	14:24:12		46.6	46.6
45.9	14:24:13		45.9	45.9
45.7	14:24:14		45.7	45.7
45.9	14:24:15		45.9	45.9
46.2	14:24:16		46.2	46.2
47.2	14:24:17		47.2	47.2
48.8	14:24:18		48.8	48.8
49.6	14:24:19		49.6	49.6
51.2	14:24:20		51.2	51.2
50.6	14:24:21		50.6	50.6
48.8	14:24:22		48.8	48.8
47.5	14:24:23		47.5	47.5
46.8	14:24:24		46.8	46.8
46.6	14:24:25		46.6	46.6
46.1	14:24:26		46.1	46.1
45.8	14:24:27		45.8	45.8
46.2	14:24:28		46.2	46.2
46.9	14:24:29		46.9	46.9
47.3	14:24:30		47.3	47.3
47.3	14:24:31		47.3	47.3
47.3	14:24:32		47.3	47.3
48.8	14:24:33		48.8	48.8
48.6	14:24:34		48.6	48.6
48.5	14:24:35		48.5	48.5
48.4	14:24:36		48.4	48.4
48.2	14:24:37		48.2	48.2
48.1	14:24:38		48.1	48.1
49.4	14:24:39		49.4	49.4
50.5	14:24:40		50.5	50.5
49.9	14:24:41		49.

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
54.6	14:07:20		54.6	54.6
54.0	14:07:21		54.0	54.0
53.5	14:07:22		53.5	53.5
54.0	14:07:23		54.0	54.0
54.8	14:07:24		54.8	54.8
55.2	14:07:25		55.2	55.2
57.0	14:07:26		57.0	57.0
58.9	14:07:27		58.9	58.9
59.1	14:07:28		59.1	59.1
58.6	14:07:29		58.6	58.6
58.2	14:07:30		58.2	58.2
57.7	14:07:31		57.7	57.7
57.3	14:07:32		57.3	57.3
57.2	14:07:33		57.2	57.2
56.6	14:07:34		56.6	56.6
55.2	14:07:35		55.2	55.2
54.6	14:07:36		54.6	54.6
57.3	14:07:37		57.3	57.3
57.0	14:07:38		57.0	57.0
57.3	14:07:39		57.3	57.3
58.7	14:07:40		58.7	58.7
59.8	14:07:41		59.8	59.8
60.0	14:07:42		60.0	60.0
59.6	14:07:43		59.6	59.6
57.8	14:07:44		57.8	57.8
56.7	14:07:45		56.7	56.7
56.4	14:07:46		56.4	56.4
57.7	14:07:47		57.7	57.7
58.3	14:07:48		58.3	58.3
57.9	14:07:49		57.9	57.9
57.3	14:07:50		57.3	57.3
56.5	14:07:51		56.5	56.5
56.4	14:07:52		56.4	56.4
55.9	14:07:53		55.9	55.9
55.3	14:07:54		55.3	55.3
55.4	14:07:55		55.4	55.4
55.4	14:07:56		55.4	55.4
54.8	14:07:57		54.8	54.8
54.7	14:07:58		54.7	54.7
56.2	14:07:59		56.2	56.2
57.1	14:08:00		57.1	57.1
56.6	14:08:01		56.6	56.6
56.7	14:08:02		56.7	56.7
57.5	14:08:03		57.5	57.5
58.4	14:08:04		58.4	58.4
56.9	14:08:05		56.9	56.9
55.7	14:08:06		55.7	55.7
54.8	14:08:07		54.8	54.8
54.3	14:08:08		54.3	54.3
54.2	14:08:09		54.2	54.2
54.6	14:08:10		54.6	54.6
56.1	14:08:11		56.1	56.1
55.8	14:08:12		55.8	55.8
55.2	14:08:13		55.2	55.2
55.1	14:08:14		55.1	55.1
56.3	14:08:15		56.3	56.3
56.3	14:08:16		56.3	56.3
56.4	14:08:17		56.4	56.4
54.8	14:08:18		54.8	54.8
53.4	14:08:19		53.4	53.4
52.7	14:08:20		52.7	52.7
53.2	14:08:21		53.2	53.2
54.1	14:08:22		54.1	54.1
55.5	14:08:23		55.5	55.5
56.5	14:08:24		56.5	56.5
57.0	14:08:25		57.0	57.0
56.1	14:08:26		56.1	56.1
55.5	14:08:27		55.5	55.5
55.6	14:08:28		55.6	55.6
56.8	14:08:29		56.8	56.8
55.5	14:08:30		55.5	55.5
54.2	14:08:31		54.2	54.2
53.4	14:08:32		53.4	53.4
53.2	14:08:33		53.2	53.2
53.5	14:08:34		53.5	53.5
53.8	14:08:35		53.8	53.8
54.9	14:08:36		54.9	54.9
56.7	14:08:37		56.7	56.7
57.4	14:08:38		57.4	57.4
57.1	14:08:39		57.1	57.1
56.3	14:08:40		56.3	56.3
55.0	14:08:41		55.0	55.0
54.8	14:08:42		54.8	54.8
55.1	14:08:43		55.1	55.1
54.6	14:08:44		54.6	54.6
54.7	14:08:45		54.7	54.7
54.2	14:08:46		54.2	54.2
53.3	14:08:47		53.3	53.3
53.0	14:08:48		53.0	53.0
52.9	14:08:49		52.9	52.9
53.0	14:08:50		53.0	53.0
54.9	14:08:51		54.9	54.9
54.8	14:08:52		54.8	54.8
54.0	14:08:53		54.0	54.0
54.3	14:08:54		54.3	54.3
54.2	14:08:55		54.2	54.2
53.3	14:08:56		53.3	53.3
52.8	14:08:57		52.8	52.8
52.8	14:08:58		52.8	52.8
53.9	14:08:59		53.9	53.9
54.3	14:09:00		54.3	54.3
54.1	14:09:01		54.1	54.1
53.4	14:09:02		53.4	53.4
52.5	14:09:03		52.5	52.5
51.5	14:09:04		51.5	51.5
51.3	14:09:05		51.3	51.3
51.3	14:09:06		51.3	51.3
51.6	14:09:07		51.6	51.6
51.2	14:09:08		51.2	51.2
50.9	14:09:09		50.9	50.9
50.9	14:09:10		50.9	50.9
51.0	14:09:11		51.0	51.0
51.5	14:09:12		51.5	51.5
52.0	14:09:13		52.0	52.0
51.7	14:09:14		51.7	51.7
51.2	14:09:15		51.2	51.2
51.1	14:09:16		51.1	51.1
52.3	14:09:17		52.3	52.3
52.8	14:09:18		52.8	52.8
53.3	14:09:19		53.3	53.3
52.6	14:09:20		52.6	52.6
52.1	14:09:21		52.1	52.1
52.0	14:09:22		52.0	52.0
51.8	14:09:23		51.8	51.8
51.3	14:09:24		51.3	51.3
51.3	14:09:25		51.3	51.3
53.3	14:09:26		53.3	53.3
54.1	14:09:27		54.1	54.1
53.8	14:09:28		53.8	53.8
53.1	14:09:29		53.1	53.1
52.7	14:09:30		52.7	52.7
52.4	14:09:31		52.4	52.4
53.6	14:09:32		53.6	53.6
53.4	14:09:33		53.4	53.4
53.0	14:09:34		53.0	53.0
52.6	14:09:35		52.6	52.6
52.2	14:09:36		52.2	52.2
51.8	14:09:37		51.8	51.8
51.8	14:09:38		51.8	51.8
51.7	14:09:39		51.7	51.7
51.5	14:09:40		51.5	51.5
51.7	14:09:41		51.7	51.7
51.6	14:09:42		51.6	51.6
51.6	14:09:43		51.6	51.6
51.7	14:09:44		51.7	51.7
52.5	14:09:45		52.5	52.5
53.4	14:09:46		53.4	53.4
54.1	14:09:47		54.1	54.1
54.0	14:09:48		54.0	54.0
53.8	14:09:49		53.8	53.8
53.9	14:09:50		53.9	53.9
54.0	14:09:51		54.0	54.0
55.5	14:09:52		55.5	55.5
57.0	14:09:53		57.0	57.0
56.6	14:09:54		56.6	56.6
55.3	14:09:55		55.3	55.3
53.9	14:09:56		53.9	53.9
53.5	14:09:57		53.5	53.5
54.3	14:09:58		54.3	54.3
55.1	14:09:59		55.1	55.1
55.6	14:10:00		55.6	55.6
56.5	14:10:01		56.5	56.5
56.5	14:10:02		56.5	56.5
56.1	14:10:03		56.1	56.1
55.4	14:10:04		55.4	55.4
55.7	14:10:05		55.7	55.7
55.5	14:10:06		55.5	55.5
55.6	14:10:07		55.6	55.6
55.0	14:10:08		55.0	55.0
53.5	14:10:09		53.5	53.5
52.6	14:10:10		52.6	52.6
52.0	14:10:11		52.0	52.0
52.8	14:10:12		52.8	52.8
53.0	14:10:13		53.0	53.0
52.6	14:10:14		52.6	52.6
52.0	14:10:15		52.0	52.0
51.5	14:10:16		51.5	51.5
51.0	14:10:17		51.0	51.0
50.7	14:10:18		50.7	50.7
50.6	14:10:19		50.6	50.6
50.6	14:10:20		50.6	50.6
50.8	14:10:21		50.8	50.8
51.2	14:10:22		51.2	51.2
52.9	14:10:23		52.9	52.9
53.5	14:10:24		53.5	53.5
53.2	14:10:25		53.2	53.2
53.0	14:10:26		53.0	53.0
52.1	14:10:27		52.1	52.1
51.7	14:10:28		51.7	51.7

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
52.7	13:49:57		52.7	52.7
55.7	13:49:58		55.7	55.7
59.1	13:49:59		59.1	59.1
61.9	13:50:00		61.9	61.9
62.3	13:50:01		62.3	62.3
61.9	13:50:02		61.9	61.9
59.9	13:50:03		59.9	59.9
57.1	13:50:04		57.1	57.1
54.6	13:50:05		54.6	54.6
52.5	13:50:06		52.5	52.5
50.1	13:50:07		50.1	50.1
49.0	13:50:08		49.0	49.0
48.5	13:50:09		48.5	48.5
48.0	13:50:10		48.0	48.0
48.6	13:50:11		48.6	48.6
49.0	13:50:12		49.0	49.0
50.0	13:50:13		50.0	50.0
49.3	13:50:14		49.3	49.3
49.4	13:50:15		49.4	49.4
49.2	13:50:16		49.2	49.2
49.2	13:50:17		49.2	49.2
49.1	13:50:18		49.1	49.1
48.6	13:50:19		48.6	48.6
48.6	13:50:20		48.6	48.6
49.9	13:50:21		49.9	49.9
50.4	13:50:22		50.4	50.4
48.6	13:50:23		48.6	48.6
46.9	13:50:24		46.9	46.9
46.0	13:50:25		46.0	46.0
46.2	13:50:26		46.2	46.2
46.3	13:50:27		46.3	46.3
45.5	13:50:28		45.5	45.5
45.2	13:50:29		45.2	45.2
45.0	13:50:30		45.0	45.0
45.1	13:50:31		45.1	45.1
47.7	13:50:32		47.7	47.7
52.3	13:50:33		52.3	52.3
50.1	13:50:34		50.1	50.1
49.2	13:50:35		49.2	49.2
47.1	13:50:36		47.1	47.1
45.8	13:50:37		45.8	45.8
45.2	13:50:38		45.2	45.2
46.8	13:50:39		46.8	46.8
45.9	13:50:40		45.9	45.9
46.0	13:50:41		46.0	46.0
48.7	13:50:42		48.7	48.7
48.9	13:50:43		48.9	48.9
47.0	13:50:44		47.0	47.0
47.0	13:50:45		47.0	47.0
46.3	13:50:46		46.3	46.3
47.8	13:50:47		47.8	47.8
46.9	13:50:48		46.9	46.9
46.0	13:50:49		46.0	46.0
45.9	13:50:50		45.9	45.9
46.9	13:50:51		46.9	46.9
48.4	13:50:52		48.4	48.4
47.3	13:50:53		47.3	47.3
47.3	13:50:54		47.3	47.3
48.0	13:50:55		48.0	48.0
48.5	13:50:56		48.5	48.5
47.8	13:50:57		47.8	47.8
47.2	13:50:58		47.2	47.2
47.0	13:50:59		47.0	47.0
47.9	13:51:00		47.9	47.9
49.4	13:51:01		49.4	49.4
49.2	13:51:02		49.2	49.2
48.7	13:51:03		48.7	48.7
48.0	13:51:04		48.0	48.0
48.1	13:51:05		48.1	48.1
47.6	13:51:06		47.6	47.6
48.5	13:51:07		48.5	48.5
49.3	13:51:08		49.3	49.3
48.3	13:51:09		48.3	48.3
47.7	13:51:10		47.7	47.7
47.5	13:51:11		47.5	47.5
47.2	13:51:12		47.2	47.2
48.6	13:51:13		48.6	48.6
47.6	13:51:14		47.6	47.6
47.9	13:51:15		47.9	47.9
47.9	13:51:16		47.9	47.9
48.2	13:51:17		48.2	48.2
49.2	13:51:18		49.2	49.2
49.0	13:51:19		49.0	49.0
48.0	13:51:20		48.0	48.0
49.8	13:51:21		49.8	49.8
49.9	13:51:22		49.9	49.9
49.8	13:51:23		49.8	49.8
49.6	13:51:24		49.6	49.6
49.6	13:51:25		49.6	49.6
49.8	13:51:26		49.8	49.8
51.2	13:51:27		51.2	51.2
54.1	13:51:28		54.1	54.1
59.2	13:51:29		59.2	59.2
63.2	13:51:30		63.2	63.2
65.4	13:51:31		65.4	65.4
63.2	13:51:32		63.2	63.2
59.8	13:51:33		59.8	59.8
56.7	13:51:34		56.7	56.7
53.9	13:51:35		53.9	53.9
52.5	13:51:36		52.5	52.5
55.1	13:51:37		55.1	55.1
59.6	13:51:38		59.6	59.6
63.9	13:51:39		63.9	63.9
65.7	13:51:40		65.7	65.7
62.8	13:51:41		62.8	62.8
59.3	13:51:42		59.3	59.3
55.8	13:51:43		55.8	55.8
52.6	13:51:44		52.6	52.6
50.4	13:51:45		50.4	50.4
48.4	13:51:46		48.4	48.4
48.4	13:51:47		48.4	48.4
48.1	13:51:48		48.1	48.1
51.1	13:51:49		51.1	51.1
52.4	13:51:50		52.4	52.4
55.2	13:51:51		55.2	55.2
59.6	13:51:52		59.6	59.6
63.2	13:51:53		63.2	63.2
62.7	13:51:54		62.7	62.7
61.4	13:51:55		61.4	61.4
59.1	13:51:56		59.1	59.1
56.1	13:51:57		56.1	56.1
53.1	13:51:58		53.1	53.1
50.2	13:51:59		50.2	50.2
47.9	13:52:00		47.9	47.9
46.7	13:52:01		46.7	46.7
46.0	13:52:02		46.0	46.0
45.7	13:52:03		45.7	45.7
45.3	13:52:04		45.3	45.3
44.6	13:52:05		44.6	44.6
44.3	13:52:06		44.3	44.3
43.9	13:52:07		43.9	43.9
43.9	13:52:08		43.9	43.9
43.9	13:52:09		43.9	43.9
43.8	13:52:10		43.8	43.8
46.8	13:52:11		46.8	46.8
48.6	13:52:12		48.6	48.6
48.3	13:52:13		48.3	48.3
50.6	13:52:14		50.6	50.6
54.9	13:52:15		54.9	54.9
59.5	13:52:16		59.5	59.5
63.0	13:52:17		63.0	63.0
62.6	13:52:18		62.6	62.6
60.9	13:52:19		60.9	60.9
58.5	13:52:20		58.5	58.5
56.6	13:52:21		56.6	56.6
53.9	13:52:22		53.9	53.9
51.4	13:52:23		51.4	51.4
49.9	13:52:24		49.9	49.9
49.6	13:52:25		49.6	49.6
48.9	13:52:26		48.9	48.9
48.1	13:52:27		48.1	48.1
47.9	13:52:28		47.9	47.9
48.7	13:52:29		48.7	48.7
50.0	13:52:30		50.0	50.0
52.0	13:52:31		52.0	52.0
55.5	13:52:32		55.5	55.5
59.8	13:52:33		59.8	59.8
61.1	13:52:34		61.1	61.1
60.2	13:52:35		60.2	60.2
58.1	13:52:36		58.1	58.1
55.7	13:52:37		55.7	55.7
52.8	13:52:38		52.8	52.8
51.5	13:52:39		51.5	51.5
49.1	13:52:40		49.1	49.1
47.8	13:52:41		47.8	47.8
47.1	13:52:42		47.1	47.1
50.9	13:52:43		50.9	50.9
50.3	13:52:44		50.3	50.3
48.5	13:52:45		48.5	48.5
46.8	13:52:46		46.8	46.8
51.2	13:52:47		51.2	51.2
49.1	13:52:48		49.1	49.1
51.1	13:52:49		51.1	51.1
51.2	13:52:50		51.2	51.2
48.8	13:52:51		48.8	48.8
47.0	13:52:52		47.0	47.0
50.1	13:52:53		50.1	50.1
50.2	13:52:54		50.2	50.2
47.5	13:52:55		47.5	47.5
46.0	13:52:56		46.0	46.0
52.5	13:52:57		52.5	52.5
51.7	13:52:58		51.7	51.7
49.4	13:52:59		49.4	49.4
47.8	13:53:00		47.8	47.8
47.5	13:53:01		47.5	47.5
48.3	13:53:02		48.3	48.3
51.9	13:53:03		51.9	51.9
52.6	13:53:04		52.6	52.6
51.3	13:53:05		51.3	51.3

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
47.8	14:24:43		47.8	47.8
47.5	14:24:44		47.5	47.5
47.0	14:24:45		47.0	47.0
46.2	14:24:46		46.2	46.2
45.8	14:24:47		45.8	45.8
45.6	14:24:48		45.6	45.6
46.8	14:24:49		46.8	46.8
46.7	14:24:50		46.7	46.7
47.0	14:24:51		47.0	47.0
47.6	14:24:52		47.6	47.6
47.9	14:24:53		47.9	47.9
47.6	14:24:54		47.6	47.6
49.2	14:24:55		49.2	49.2
49.9	14:24:56		49.9	49.9
50.8	14:24:57		50.8	50.8
51.6	14:24:58		51.6	51.6
51.5	14:24:59		51.5	51.5
51.7	14:25:00		51.7	51.7
50.5	14:25:01		50.5	50.5
49.3	14:25:02		49.3	49.3
48.8	14:25:03		48.8	48.8
49.1	14:25:04		49.1	49.1
48.4	14:25:05		48.4	48.4
47.8	14:25:06		47.8	47.8
47.9	14:25:07		47.9	47.9
47.9	14:25:08		47.9	47.9
47.3	14:25:09		47.3	47.3
48.2	14:25:10		48.2	48.2
49.2	14:25:11		49.2	49.2
50.2	14:25:12		50.2	50.2
52.8	14:25:13		52.8	52.8
55.0	14:25:14		55.0	55.0
54.9	14:25:15		54.9	54.9
54.7	14:25:16		54.7	54.7
53.2	14:25:17		53.2	53.2
57.0	14:25:18		57.0	57.0
59.2	14:25:19		59.2	59.2
58.0	14:25:20		58.0	58.0
55.4	14:25:21		55.4	55.4
54.6	14:25:22		54.6	54.6
54.5	14:25:23		54.5	54.5
55.6	14:25:24		55.6	55.6
55.9	14:25:25		55.9	55.9
55.6	14:25:26		55.6	55.6
55.6	14:25:27		55.6	55.6
53.5	14:25:28		53.5	53.5
51.5	14:25:29		51.5	51.5
49.9	14:25:30		49.9	49.9
49.1	14:25:31		49.1	49.1
49.3	14:25:32		49.3	49.3
48.5	14:25:33		48.5	48.5
48.4	14:25:34		48.4	48.4
48.4	14:25:35		48.4	48.4
50.0	14:25:36		50.0	50.0
50.6	14:25:37		50.6	50.6
51.8	14:25:38		51.8	51.8
52.2	14:25:39		52.2	52.2
52.0	14:25:40		52.0	52.0
51.3	14:25:41		51.3	51.3
50.1	14:25:42		50.1	50.1
48.8	14:25:43		48.8	48.8
47.7	14:25:44		47.7	47.7
46.3	14:25:45		46.3	46.3
45.2	14:25:46		45.2	45.2
44.8	14:25:47		44.8	44.8
44.7	14:25:48		44.7	44.7
44.5	14:25:49		44.5	44.5
44.6	14:25:50		44.6	44.6
44.8	14:25:51		44.8	44.8
44.8	14:25:52		44.8	44.8
44.5	14:25:53		44.5	44.5
45.0	14:25:54		45.0	45.0
45.8	14:25:55		45.8	45.8
46.2	14:25:56		46.2	46.2
46.1	14:25:57		46.1	46.1
46.5	14:25:58		46.5	46.5
47.6	14:25:59		47.6	47.6
47.3	14:26:00		47.3	47.3
47.7	14:26:01		47.7	47.7
47.9	14:26:02		47.9	47.9
47.9	14:26:03		47.9	47.9
47.7	14:26:04		47.7	47.7
47.9	14:26:05		47.9	47.9
47.9	14:26:06		47.9	47.9
47.8	14:26:07		47.8	47.8
48.3	14:26:08		48.3	48.3
49.3	14:26:09		49.3	49.3
50.9	14:26:10		50.9	50.9
51.4	14:26:11		51.4	51.4
51.8	14:26:12		51.8	51.8
53.4	14:26:13		53.4	53.4
58.3	14:26:14		58.3	58.3
64.3	14:26:15		64.3	64.3
64.2	14:26:16		64.2	64.2
61.4	14:26:17		61.4	61.4
58.4	14:26:18		58.4	58.4
55.5	14:26:19		55.5	55.5
53.0	14:26:20		53.0	53.0
51.2	14:26:21		51.2	51.2
49.8	14:26:22		49.8	49.8
48.4	14:26:23		48.4	48.4
47.3	14:26:24		47.3	47.3
47.1	14:26:25		47.1	47.1
46.6	14:26:26		46.6	46.6
46.0	14:26:27		46.0	46.0
46.7	14:26:28		46.7	46.7
48.0	14:26:29		48.0	48.0
48.8	14:26:30		48.8	48.8
49.2	14:26:31		49.2	49.2
49.4	14:26:32		49.4	49.4
48.9	14:26:33		48.9	48.9
48.4	14:26:34		48.4	48.4
48.7	14:26:35		48.7	48.7
49.8	14:26:36		49.8	49.8
49.8	14:26:37		49.8	49.8
49.0	14:26:38		49.0	49.0
48.1	14:26:39		48.1	48.1
47.0	14:26:40		47.0	47.0
47.2	14:26:41		47.2	47.2
47.9	14:26:42		47.9	47.9
47.6	14:26:43		47.6	47.6
46.4	14:26:44		46.4	46.4
45.6	14:26:45		45.6	45.6
44.9	14:26:46		44.9	44.9
44.9	14:26:47		44.9	44.9
46.7	14:26:48		46.7	46.7
46.2	14:26:49		46.2	46.2
45.5	14:26:50		45.5	45.5
45.3	14:26:51		45.3	45.3
45.4	14:26:52		45.4	45.4
46.1	14:26:53		46.1	46.1
47.0	14:26:54		47.0	47.0
46.4	14:26:55		46.4	46.4
46.5	14:26:56		46.5	46.5
46.4	14:26:57		46.4	46.4
46.1	14:26:58		46.1	46.1
46.7	14:26:59		46.7	46.7
46.4	14:27:00		46.4	46.4
45.9	14:27:01		45.9	45.9
46.0	14:27:02		46.0	46.0
46.5	14:27:03		46.5	46.5
46.5	14:27:04		46.5	46.5
46.4	14:27:05		46.4	46.4
47.1	14:27:06		47.1	47.1
47.9	14:27:07		47.9	47.9
47.9	14:27:08		47.9	47.9
47.9	14:27:09		47.9	47.9
47.2	14:27:10		47.2	47.2
46.4	14:27:11		46.4	46.4
45.6	14:27:12		45.6	45.6
44.9	14:27:13		44.9	44.9
44.5	14:27:14		44.5	44.5
44.4	14:27:15		44.4	44.4
44.6	14:27:16		44.6	44.6
45.2	14:27:17		45.2	45.2
45.6	14:27:18		45.6	45.6
45.7	14:27:19		45.7	45.7
45.3	14:27:20		45.3	45.3
44.8	14:27:21		44.8	44.8
44.5	14:27:22		44.5	44.5
44.5	14:27:23		44.5	44.5
45.3	14:27:24		45.3	45.3
47.8	14:27:25		47.8	47.8
47.6	14:27:26		47.6	47.6
47.9	14:27:27		47.9	47.9
47.1	14:27:28		47.1	47.1
46.7	14:27:29		46.

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
51.4	14:10:29		51.4	51.4
51.1	14:10:30		51.1	51.1
51.1	14:10:31		51.1	51.1
51.1	14:10:32		51.1	51.1
50.9	14:10:33		50.9	50.9
50.9	14:10:34		50.9	50.9
51.0	14:10:35		51.0	51.0
51.0	14:10:36		51.0	51.0
51.3	14:10:37		51.3	51.3
52.4	14:10:38		52.4	52.4
53.0	14:10:39		53.0	53.0
53.4	14:10:40		53.4	53.4
53.6	14:10:41		53.6	53.6
53.4	14:10:42		53.4	53.4
52.1	14:10:43		52.1	52.1
51.2	14:10:44		51.2	51.2
50.9	14:10:45		50.9	50.9
50.8	14:10:46		50.8	50.8
50.7	14:10:47		50.7	50.7
50.8	14:10:48		50.8	50.8
50.9	14:10:49		50.9	50.9
50.9	14:10:50		50.9	50.9
50.8	14:10:51		50.8	50.8
50.7	14:10:52		50.7	50.7
50.8	14:10:53		50.8	50.8
50.9	14:10:54		50.9	50.9
50.7	14:10:55		50.7	50.7
50.5	14:10:56		50.5	50.5
51.0	14:10:57		51.0	51.0
51.8	14:10:58		51.8	51.8
51.8	14:10:59		51.8	51.8
51.4	14:11:00		51.4	51.4
51.4	14:11:01		51.4	51.4
51.8	14:11:02		51.8	51.8
52.7	14:11:03		52.7	52.7
53.8	14:11:04		53.8	53.8
53.7	14:11:05		53.7	53.7
53.8	14:11:06		53.8	53.8
54.6	14:11:07		54.6	54.6
53.0	14:11:08		53.0	53.0
52.2	14:11:09		52.2	52.2
51.7	14:11:10		51.7	51.7
52.6	14:11:11		52.6	52.6
52.9	14:11:12		52.9	52.9
52.6	14:11:13		52.6	52.6
52.1	14:11:14		52.1	52.1
51.5	14:11:15		51.5	51.5
51.2	14:11:16		51.2	51.2
51.1	14:11:17		51.1	51.1
51.2	14:11:18		51.2	51.2
51.3	14:11:19		51.3	51.3
51.6	14:11:20		51.6	51.6
51.9	14:11:21		51.9	51.9
51.6	14:11:22		51.6	51.6
52.1	14:11:23		52.1	52.1
53.0	14:11:24		53.0	53.0
53.9	14:11:25		53.9	53.9
54.8	14:11:26		54.8	54.8
54.9	14:11:27		54.9	54.9
54.5	14:11:28		54.5	54.5
54.2	14:11:29		54.2	54.2
54.0	14:11:30		54.0	54.0
54.3	14:11:31		54.3	54.3
54.0	14:11:32		54.0	54.0
53.4	14:11:33		53.4	53.4
54.5	14:11:34		54.5	54.5
54.6	14:11:35		54.6	54.6
54.5	14:11:36		54.5	54.5
55.2	14:11:37		55.2	55.2
55.2	14:11:38		55.2	55.2
54.8	14:11:39		54.8	54.8
54.0	14:11:40		54.0	54.0
53.3	14:11:41		53.3	53.3
52.6	14:11:42		52.6	52.6
52.7	14:11:43		52.7	52.7
52.7	14:11:44		52.7	52.7
52.7	14:11:45		52.7	52.7
53.3	14:11:46		53.3	53.3
53.5	14:11:47		53.5	53.5
53.4	14:11:48		53.4	53.4
53.6	14:11:49		53.6	53.6
56.8	14:11:50		56.8	56.8
55.5	14:11:51		55.5	55.5
53.9	14:11:52		53.9	53.9
53.0	14:11:53		53.0	53.0
52.8	14:11:54		52.8	52.8
52.9	14:11:55		52.9	52.9
52.9	14:11:56		52.9	52.9
52.7	14:11:57		52.7	52.7
53.1	14:11:58		53.1	53.1
53.6	14:11:59		53.6	53.6
54.1	14:12:00		54.1	54.1
53.9	14:12:01		53.9	53.9
53.9	14:12:02		53.9	53.9
53.7	14:12:03		53.7	53.7
54.1	14:12:04		54.1	54.1
54.4	14:12:05		54.4	54.4
54.1	14:12:06		54.1	54.1
53.6	14:12:07		53.6	53.6
53.1	14:12:08		53.1	53.1
52.6	14:12:09		52.6	52.6
52.3	14:12:10		52.3	52.3
52.1	14:12:11		52.1	52.1
52.3	14:12:12		52.3	52.3
52.2	14:12:13		52.2	52.2
52.1	14:12:14		52.1	52.1
52.2	14:12:15		52.2	52.2
52.4	14:12:16		52.4	52.4
52.7	14:12:17		52.7	52.7
52.9	14:12:18		52.9	52.9
53.4	14:12:19		53.4	53.4
52.9	14:12:20		52.9	52.9
52.6	14:12:21		52.6	52.6
53.0	14:12:22		53.0	53.0
52.7	14:12:23		52.7	52.7
52.6	14:12:24		52.6	52.6
52.3	14:12:25		52.3	52.3
52.6	14:12:26		52.6	52.6
52.8	14:12:27		52.8	52.8
53.1	14:12:28		53.1	53.1
53.2	14:12:29		53.2	53.2
53.0	14:12:30		53.0	53.0
52.9	14:12:31		52.9	52.9
53.6	14:12:32		53.6	53.6
54.4	14:12:33		54.4	54.4
57.0	14:12:34		57.0	57.0
56.0	14:12:35		56.0	56.0
55.5	14:12:36		55.5	55.5
54.4	14:12:37		54.4	54.4
53.5	14:12:38		53.5	53.5
52.9	14:12:39		52.9	52.9
52.6	14:12:40		52.6	52.6
52.6	14:12:41		52.6	52.6
52.7	14:12:42		52.7	52.7
53.0	14:12:43		53.0	53.0
53.5	14:12:44		53.5	53.5
54.2	14:12:45		54.2	54.2
54.8	14:12:46		54.8	54.8
54.8	14:12:47		54.8	54.8
55.6	14:12:48		55.6	55.6
57.1	14:12:49		57.1	57.1
58.5	14:12:50		58.5	58.5
60.3	14:12:51		60.3	60.3
61.5	14:12:52		61.5	61.5
59.9	14:12:53		59.9	59.9
57.2	14:12:54		57.2	57.2
55.7	14:12:55		55.7	55.7
54.8	14:12:56		54.8	54.8
53.9	14:12:57		53.9	53.9
54.1	14:12:58		54.1	54.1
54.3	14:12:59		54.3	54.3
54.6	14:13:00		54.6	54.6
54.7	14:13:01		54.7	54.7
54.0	14:13:02		54.0	54.0
53.3	14:13:03		53.3	53.3
53.2	14:13:04		53.2	53.2
53.2	14:13:05		53.2	53.2
52.8	14:13:06		52.8	52.8
52.8	14:13:07		52.8	52.8
52.8	14:13:08		52.8	52.8
52.9	14:13:09		52.9	52.9
53.2	14:13:10		53.2	53.2
53.3	14:13:11		53.3	53.3
53.1	14:13:12		53.1	53.1
53.0	14:13:13		53.0	53.0
53.3	14:13:14		53.3	53.3
53.0	14:13:15		53.0	53.0
52.6	14:13:16		52.6	52.6
52.4	14:13:17		52.4	52.4
52.3	14:13:18		52.3	52.3
52.0	14:13:19		52.0	52.0
52.0	14:13:20		52.0	52.0
52.2	14:13:21		52.2	52.2
52.2	14:13:22		52.2	52.2
52.1	14:13:23		52.1	52.1
51.8	14:13:24		51.8	51.8
51.9	14:13:25		51.9	51.9
52.5	14:13:26		52.5	52.5
52.4	14:13:27		52.4	52.4
53.0	14:13:28		53.0	53.0
54.2	14:13:29		54.2	54.2
54.0	14:13:30		54.0	54.0
53.3	14:13:31		53.3	53.3
53.7	14:13:32		53.7	53.7
55.3	14:13:33		55.3	55.3
55.7	14:13:34		55.7	55.7
54.4	14:13:35		54.4	54.4
54.0	14:13:36		54.0	54.0
53.1	14:13:37		53.1	53.1
53.0	14:13:38		53.0	53.0
55.3	14:13:39		55.3	55.3
54.5	14:13:40		54.5	54.5
54.3	14:13:41		54.3	54.3
53.6	14:13:42		53.6	53.6
53.7	14:13:43		53.7	53.7
53.7	14:13:44		53.7	53.7
54.0	14:13:45		54.0	54.0
54.9	14:13:46		54.9	54.9
55.1	14:13:47		55.1	55.1
56.0	14:13:48		56.0	56.0
61.4	14:13:49		61.4	61.4
61.1	14:13:50		61.1	61.1
59.7	14:13:51		59.7	59.7
59.7	14:13:52		59.7	59.7
60.5	14:13:53		60.5	60.5
60.9	14:13:54		60.9	60.9

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
49.2	13:53:06		49.2	49.2
47.2	13:53:07		47.2	47.2
46.0	13:53:08		46.0	46.0
45.3	13:53:09		45.3	45.3
44.9	13:53:10		44.9	44.9
44.6	13:53:11		44.6	44.6
45.4	13:53:12		45.4	45.4
46.5	13:53:13		46.5	46.5
51.6	13:53:14		51.6	51.6
49.9	13:53:15		49.9	49.9
48.2	13:53:16		48.2	48.2
51.8	13:53:17		51.8	51.8
49.6	13:53:18		49.6	49.6
47.6	13:53:19		47.6	47.6
51.6	13:53:20		51.6	51.6
51.1	13:53:21		51.1	51.1
48.6	13:53:22		48.6	48.6
47.2	13:53:23		47.2	47.2
46.4	13:53:24		46.4	46.4
46.2	13:53:25		46.2	46.2
46.4	13:53:26		46.4	46.4
47.6	13:53:27		47.6	47.6
47.2	13:53:28		47.2	47.2
46.2	13:53:29		46.2	46.2
45.1	13:53:30		45.1	45.1
44.9	13:53:31		44.9	44.9
45.0	13:53:32		45.0	45.0
44.3	13:53:33		44.3	44.3
43.8	13:53:34		43.8	43.8
43.8	13:53:35		43.8	43.8
44.5	13:53:36		44.5	44.5
45.0	13:53:37		45.0	45.0
45.3	13:53:38		45.3	45.3
45.2	13:53:39		45.2	45.2
44.9	13:53:40		44.9	44.9
44.0	13:53:41		44.0	44.0
44.1	13:53:42		44.1	44.1
43.9	13:53:43		43.9	43.9
43.9	13:53:44		43.9	43.9
45.3	13:53:45		45.3	45.3
44.9	13:53:46		44.9	44.9
45.1	13:53:47		45.1	45.1
45.3	13:53:48		45.3	45.3
45.9	13:53:49		45.9	45.9
46.4	13:53:50		46.4	46.4
46.5	13:53:51		46.5	46.5
47.0	13:53:52		47.0	47.0
47.7	13:53:53		47.7	47.7
46.9	13:53:54		46.9	46.9
46.5	13:53:55		46.5	46.5
46.2	13:53:56		46.2	46.2
45.7	13:53:57		45.7	45.7
45.5	13:53:58		45.5	45.5
44.9	13:53:59		44.9	44.9
44.4	13:54:00		44.4	44.4
44.5	13:54:01		44.5	44.5
46.8	13:54:02		46.8	46.8
44.9	13:54:03		44.9	44.9
43.7	13:54:04		43.7	43.7
43.3	13:54:05		43.3	43.3
43.9	13:54:06		43.9	43.9
43.7	13:54:07		43.7	43.7
44.3	13:54:08		44.3	44.3
44.3	13:54:09		44.3	44.3
43.8	13:54:10		43.8	43.8
44.6	13:54:11		44.6	44.6
44.9	13:54:12		44.9	44.9
44.1	13:54:13		44.1	44.1
43.9	13:54:14		43.9	43.9
45.0	13:54:15		45.0	45.0
44.8	13:54:16		44.8	44.8
46.0	13:54:17		46.0	46.0
47.8	13:54:18		47.8	47.8
49.3	13:54:19		49.3	49.3
51.8	13:54:20		51.8	51.8
56.0	13:54:21		56.0	56.0
57.7	13:54:22		57.7	57.7
57.0	13:54:23		57.0	57.0
55.8	13:54:24		55.8	55.8
53.7	13:54:25		53.7	53.7
51.2	13:54:26		51.2	51.2
48.6	13:54:27		48.6	48.6
46.5	13:54:28		46.5	46.5
45.5	13:54:29		45.5	45.5
45.4	13:54:30		45.4	45.4
46.0	13:54:31		46.0	46.0
47.0	13:54:32		47.0	47.0
48.1	13:54:33		48.1	48.1
50.8	13:54:34		50.8	50.8
54.9	13:54:35		54.9	54.9
56.1	13:54:36		56.1	56.1
55.1	13:54:37		55.1	55.1
54.5	13:54:38		54.5	54.5
54.2	13:54:39		54.2	54.2
55.9	13:54:40		55.9	55.9
58.3	13:54:41		58.3	58.3
60.3	13:54:42		60.3	60.3
59.5	13:54:43		59.5	59.5
56.6	13:54:44		56.6	56.6
53.9	13:54:45		53.9	53.9
51.7	13:54:46		51.7	51.7
50.0	13:54:47		50.0	50.0
49.1	13:54:48		49.1	49.1
48.4	13:54:49		48.4	48.4
48.1	13:54:50		48.1	48.1
48.5	13:54:51		48.5	48.5
48.7	13:54:52		48.7	48.7
49.1	13:54:53		49.1	49.1
49.6	13:54:54		49.6	49.6
51.8	13:54:55		51.8	51.8
55.1	13:54:56		55.1	55.1
59.0	13:54:57		59.0	59.0
66.2	13:54:58		66.2	66.2
65.0	13:54:59		65.0	65.0
61.6	13:55:00		61.6	61.6
58.5	13:55:01		58.5	58.5
56.6	13:55:02		56.6	56.6
55.2	13:55:03		55.2	55.2
53.6	13:55:04		53.6	53.6
52.1	13:55:05		52.1	52.1
51.2	13:55:06		51.2	51.2
51.5	13:55:07		51.5	51.5
52.7	13:55:08		52.7	52.7
52.7	13:55:09		52.7	52.7
53.0	13:55:10		53.0	53.0
53.3	13:55:11		53.3	53.3
53.0	13:55:12		53.0	53.0
54.0	13:55:13		54.0	54.0
55.0	13:55:14		55.0	55.0
55.2	13:55:15		55.2	55.2
73.4	13:55:16		73.4	73.4
70.2	13:55:17		70.2	70.2
66.3	13:55:18		66.3	66.3
62.4	13:55:19		62.4	62.4
58.7	13:55:20		58.7	58.7
55.4	13:55:21		55.4	55.4
53.0	13:55:22		53.0	53.0
51.3	13:55:23		51.3	51.3
51.1	13:55:24		51.1	51.1
51.1	13:55:25		51.1	51.1
51.6	13:55:26		51.6	51.6
53.0	13:55:27		53.0	53.0
53.4	13:55:28		53.4	53.4
53.5	13:55:29		53.5	53.5
52.1	13:55:30		52.1	52.1
50.3	13:55:31		50.3	50.3
49.5	13:55:32		49.5	49.5
48.8	13:55:33		48.8	48.8
47.9	13:55:34		47.9	47.9
46.9	13:55:35		46.9	46.9
46.1	13:55:36		46.1	46.1
45.6	13:55:37		45.6	45.6
45.5	13:55:38		45.5	45.5
45.3	13:55:39		45.3	45.3
45.0	13:55:40		45.0	45.0
45.4	13:55:41		45.4	45.4
46.6	13:55:42		46.6	46.6
49.6	13:55:43		49.6	49.6
51.9	13:55:44		51.9	51.9
53.6	13:55:45		53.6	53.6
52.4	13:55:46		52.4	52.4
51.8	13:55:47		51.8	51.8
51.3	13:55:48		51.3	51.3
49.9	13:55:49		49.9	49.9
49.7	13:55:50		49.7	49.7
49.2	13:55:51		49.2	49.2
48.6	13:55:52		48.6	48.6
47.2	13:55:53		47.2	47.2
46.4	13:55:54		46.4	46.4
46.4	13:55:55		46.4	46.4
47.3	13:55:56		47.3	47.3
47.3	13:55:57		47.3	47.3
46.2	13:55:58		46.2	46.2
45.9	13:55:59		45.9	45.9
47.2	13:56:00		47.2	47.2
46.9	13:56:01		46.9	46.9
46.0	13:56:02		46.0	46.0
45.9	13:56:03		45.9	45.9
45.9	13:56:04		45.9	45.9
46.9	13:56:05		46.9	46.9
47.2	13:56:06		47.2	47.2
47.8	13:56:07		47.8	47.8
48.2	13:56:08		48.2	48.2
48.1	13:56:09		48.1	48.1
47.5	13:56:10		47.5	47.5
47.3	13:56:11		47.3	47.3
48.0	13:56:12		48.0	48.0
48.4	13:56:13		48.4	48.4
48.4	13:56:14		48.4	48.4
48.6	13:56:15		48.6	48.6
48.4	13:56:16		48.4	48.4
47.7	13:56:17		47.7	47.7
47.8	13:56:18		47.8	47.8
49.7	13:56:19		49.7	49.7
50.8	13:56:20		50.8	50.8
50.4	13:56:21		50.4	50.4
50.7	13:56:22		50.7	50.7
50.5	13:56:23		50.5	50.5
49.6	13:56:24		49.6	49.6
47.3	13:56:25		47.3	47.3
45.8	13:56:26		45.8	45.8
45.1	13:56:27		45.1	45.1
44.8	13:56:28		44.8	44.8
44.6	13:56:29		44.6	44.6
44.7	13:56:30		44.7	44.7
44.5	13:56:31		44.5	44.5

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.5	14:27:52		45.5	45.5
44.6	14:27:53		44.6	44.6
44.1	14:27:54		44.1	44.1
44.0	14:27:55		44.0	44.0
43.7	14:27:56		43.7	43.7
44.0	14:27:57		44.0	44.0
44.9	14:27:58		44.9	44.9
46.4	14:27:59		46.4	46.4
47.8	14:28:00		47.8	47.8
49.0	14:28:01		49.0	49.0
47.8	14:28:02		47.8	47.8
46.4	14:28:03		46.4	46.4
45.9	14:28:04		45.9	45.9
47.4	14:28:05		47.4	47.4
46.5	14:28:06		46.5	46.5
45.9	14:28:07		45.9	45.9
45.7	14:28:08		45.7	45.7
46.1	14:28:09		46.1	46.1
47.3	14:28:10		47.3	47.3
46.3	14:28:11		46.3	46.3
45.8	14:28:12		45.8	45.8
45.6	14:28:13		45.6	45.6
45.9	14:28:14		45.9	45.9
45.4	14:28:15		45.4	45.4
45.9	14:28:16		45.9	45.9
45.9	14:28:17		45.9	45.9
45.8	14:28:18		45.8	45.8
45.1	14:28:19		45.1	45.1
44.5	14:28:20		44.5	44.5
43.8	14:28:21		43.8	43.8
43.6	14:28:22		43.6	43.6
43.7	14:28:23		43.7	43.7
44.1	14:28:24		44.1	44.1
44.7	14:28:25		44.7	44.7
44.9	14:28:26		44.9	44.9
45.4	14:28:27		45.4	45.4
45.2	14:28:28		45.2	45.2
45.1	14:28:29		45.1	45.1
45.4	14:28:30		45.4	45.4
45.8	14:28:31		45.8	45.8
46.0	14:28:32		46.0	46.0
46.0	14:28:33		46.0	46.0
45.8	14:28:34		45.8	45.8
45.0	14:28:35		45.0	45.0
45.3	14:28:36		45.3	45.3
45.8	14:28:37		45.8	45.8
46.0	14:28:38		46.0	46.0
45.6	14:28:39		45.6	45.6
45.5	14:28:40		45.5	45.5
45.8	14:28:41		45.8	45.8
45.8	14:28:42		45.8	45.8
46.0	14:28:43		46.0	46.0
45.9	14:28:44		45.9	45.9
45.5	14:28:45		45.5	45.5
46.6	14:28:46		46.6	46.6
46.8	14:28:47		46.8	46.8
46.8	14:28:48		46.8	46.8
46.7	14:28:49		46.7	46.7
45.9	14:28:50		45.9	45.9
45.3	14:28:51		45.3	45.3
45.5	14:28:52		45.5	45.5
45.7	14:28:53		45.7	45.7
46.1	14:28:54		46.1	46.1
45.7	14:28:55		45.7	45.7
45.9	14:28:56		45.9	45.9
46.3	14:28:57		46.3	46.3
46.0	14:28:58		46.0	46.0
45.7	14:28:59		45.7	45.7
45.5	14:29:00		45.5	45.5
46.0	14:29:01		46.0	46.0
46.1	14:29:02		46.1	46.1
45.8	14:29:03		45.8	45.8
45.9	14:29:04		45.9	45.9
46.5	14:29:05		46.5	46.5
47.3	14:29:06		47.3	47.3
48.9	14:29:07		48.9	48.9
48.6	14:29:08		48.6	48.6
47.0	14:29:09		47.0	47.0
45.8	14:29:10		45.8	45.8
45.2	14:29:11		45.2	45.2
45.4	14:29:12		45.4	45.4
45.2	14:29:13		45.2	45.2
44.9	14:29:14		44.9	44.9
44.7	14:29:15		44.7	44.7
44.4	14:29:16		44.4	44.4
44.2	14:29:17		44.2	44.2
44.1	14:29:18		44.1	44.1
44.1	14:29:19		44.1	44.1
44.4	14:29:20		44.4	44.4
45.3	14:29:21		45.3	45.3
46.1	14:29:22		46.1	46.1
46.3	14:29:23		46.3	46.3
45.9	14:29:24		45.9	45.9
46.0	14:29:25		46.0	46.0
47.2	14:29:26		47.2	47.2
47.3	14:29:27		47.3	47.3
46.3	14:29:28		46.3	46.3
45.9	14:29:29		45.9	45.9
47.6	14:29:30		47.6	47.6
48.1	14:29:31		48.1	48.1
46.5	14:29:32		46.5	46.5
46.2	14:29:33		46.2	46.2
45.6	14:29:34		45.6	45.6
45.5	14:29:35		45.5	45.5
45.8	14:29:36		45.8	45.8
46.8	14:29:37		46.8	46.8
46.8	14:29:38		46.8	46.8
46.1	14:29:39		46.1	46.1
45.6	14:29:40		45.6	45.6
45.1	14:29:41		45.1	45.1
44.9	14:29:42		44.9	44.9
44.7	14:29:43		44.7	44.7
44.2	14:29:44		44.2	44.2
44.4	14:29:45		44.4	44.4
44.6	14:29:46		44.6	44.6
44.2	14:29:47		44.2	44.2
43.8	14:29:48		43.8	43.8
43.8	14:29:49		43.8	43.8
44.0	14:29:50		44.0	44.0
44.7	14:29:51		44.7	44.7
45.4	14:29:52		45.4	45.4
47.4	14:29:53		47.4	47.4
48.2	14:29:54		48.2	48.2
48.9	14:29:55		48.9	48.9
50.4	14:29:56		50.4	50.4
51.3	14:29:57		51.3	51.3
51.7	14:29:58		51.7	51.7
51.3	14:29:59		51.3	51.3
50.3	14:30:00		50.3	50.3
49.2	14:30:01		49.2	49.2
48.5	14:30:02		48.5	48.5
49.3	14:30:03		49.3	49.3
49.4	14:30:04		49.

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
59.4	14:13:55		59.4	59.4
58.0	14:13:56		58.0	58.0
57.4	14:13:57		57.4	57.4
57.5	14:13:58		57.5	57.5
57.2	14:13:59		57.2	57.2
56.3	14:14:00		56.3	56.3
55.8	14:14:01		55.8	55.8
55.2	14:14:02		55.2	55.2
54.7	14:14:03		54.7	54.7
54.4	14:14:04		54.4	54.4
54.7	14:14:05		54.7	54.7
54.2	14:14:06		54.2	54.2
54.8	14:14:07		54.8	54.8
54.4	14:14:08		54.4	54.4
53.5	14:14:09		53.5	53.5
57.3	14:14:10		57.3	57.3
59.6	14:14:11		59.6	59.6
58.9	14:14:12		58.9	58.9
56.2	14:14:13		56.2	56.2
54.2	14:14:14		54.2	54.2
53.2	14:14:15		53.2	53.2
52.9	14:14:16		52.9	52.9
53.5	14:14:17		53.5	53.5
52.8	14:14:18		52.8	52.8
52.4	14:14:19		52.4	52.4
52.2	14:14:20		52.2	52.2
52.2	14:14:21		52.2	52.2
52.0	14:14:22		52.0	52.0
53.1	14:14:23		53.1	53.1
53.6	14:14:24		53.6	53.6
52.7	14:14:25		52.7	52.7
52.1	14:14:26		52.1	52.1
52.1	14:14:27		52.1	52.1
52.1	14:14:28		52.1	52.1
51.9	14:14:29		51.9	51.9
51.9	14:14:30		51.9	51.9
52.6	14:14:31		52.6	52.6
52.8	14:14:32		52.8	52.8
53.5	14:14:33		53.5	53.5
55.5	14:14:34		55.5	55.5
55.7	14:14:35		55.7	55.7
55.7	14:14:36		55.7	55.7
55.8	14:14:37		55.8	55.8
56.3	14:14:38		56.3	56.3
56.4	14:14:39		56.4	56.4
55.3	14:14:40		55.3	55.3
53.6	14:14:41		53.6	53.6
52.8	14:14:42		52.8	52.8
52.5	14:14:43		52.5	52.5
52.8	14:14:44		52.8	52.8
54.1	14:14:45		54.1	54.1
53.8	14:14:46		53.8	53.8
53.2	14:14:47		53.2	53.2
52.7	14:14:48		52.7	52.7
52.2	14:14:49		52.2	52.2
52.9	14:14:50		52.9	52.9
54.2	14:14:51		54.2	54.2
54.3	14:14:52		54.3	54.3
55.6	14:14:53		55.6	55.6
54.2	14:14:54		54.2	54.2
56.1	14:14:55		56.1	56.1
60.2	14:14:56		60.2	60.2
63.2	14:14:57		63.2	63.2
60.0	14:14:58		60.0	60.0
57.7	14:14:59		57.7	57.7
56.8	14:15:00		56.8	56.8
55.0	14:15:01		55.0	55.0
53.4	14:15:02		53.4	53.4
52.7	14:15:03		52.7	52.7
52.4	14:15:04		52.4	52.4
52.4	14:15:05		52.4	52.4
52.4	14:15:06		52.4	52.4
52.2	14:15:07		52.2	52.2
52.4	14:15:08		52.4	52.4
52.9	14:15:09		52.9	52.9
53.5	14:15:10		53.5	53.5
53.2	14:15:11		53.2	53.2
54.2	14:15:12		54.2	54.2
55.9	14:15:13		55.9	55.9
54.2	14:15:14		54.2	54.2
53.4	14:15:15		53.4	53.4
52.9	14:15:16		52.9	52.9
52.4	14:15:17		52.4	52.4
52.2	14:15:18		52.2	52.2
52.2	14:15:19		52.2	52.2
52.3	14:15:20		52.3	52.3
52.2	14:15:21		52.2	52.2
52.3	14:15:22		52.3	52.3
53.3	14:15:23		53.3	53.3
53.3	14:15:24		53.3	53.3
52.9	14:15:25		52.9	52.9
53.3	14:15:26		53.3	53.3
53.7	14:15:27		53.7	53.7
53.5	14:15:28		53.5	53.5
53.2	14:15:29		53.2	53.2
52.8	14:15:30		52.8	52.8
52.7	14:15:31		52.7	52.7
52.9	14:15:32		52.9	52.9
53.3	14:15:33		53.3	53.3
53.3	14:15:34		53.3	53.3
53.0	14:15:35		53.0	53.0
52.7	14:15:36		52.7	52.7
52.7	14:15:37		52.7	52.7
52.7	14:15:38		52.7	52.7
53.2	14:15:39		53.2	53.2
52.6	14:15:40		52.6	52.6
53.0	14:15:41		53.0	53.0
53.9	14:15:42		53.9	53.9
53.8	14:15:43		53.8	53.8
53.5	14:15:44		53.5	53.5
53.4	14:15:45		53.4	53.4
53.5	14:15:46		53.5	53.5
53.9	14:15:47		53.9	53.9
53.8	14:15:48		53.8	53.8
54.1	14:15:49		54.1	54.1
54.2	14:15:50		54.2	54.2
57.2	14:15:51		57.2	57.2
57.7	14:15:52		57.7	57.7
57.6	14:15:53		57.6	57.6
57.3	14:15:54		57.3	57.3
57.8	14:15:55		57.8	57.8
56.6	14:15:56		56.6	56.6
55.6	14:15:57		55.6	55.6
56.1	14:15:58		56.1	56.1
54.9	14:15:59		54.9	54.9
54.0	14:16:00		54.0	54.0
53.5	14:16:01		53.5	53.5
53.4	14:16:02		53.4	53.4
54.9	14:16:03		54.9	54.9
55.6	14:16:04		55.6	55.6
56.6	14:16:05		56.6	56.6
57.2	14:16:06		57.2	57.2
57.1	14:16:07		57.1	57.1
57.4	14:16:08		57.4	57.4
57.3	14:16:09		57.3	57.3
57.1	14:16:10		57.1	57.1
56.5	14:16:11		56.5	56.5
56.2	14:16:12		56.2	56.2
55.0	14:16:13		55.0	55.0
54.0	14:16:14		54.0	54.0
53.8	14:16:15		53.8	53.8
53.3	14:16:16		53.3	53.3
53.4	14:16:17		53.4	53.4
54.2	14:16:18		54.2	54.2
54.4	14:16:19		54.4	54.4
54.3	14:16:20		54.3	54.3
53.9	14:16:21		53.9	53.9
53.4	14:16:22		53.4	53.4
53.4	14:16:23		53.4	53.4
53.9	14:16:24		53.9	53.9
54.1	14:16:25		54.1	54.1
55.8	14:16:26		55.8	55.8
56.9	14:16:27		56.9	56.9
58.6	14:16:28		58.6	58.6
57.0	14:16:29		57.0	57.0
55.3	14:16:30		55.3	55.3
54.9	14:16:31		54.9	54.9
54.5	14:16:32		54.5	54.5
55.0	14:16:33		55.0	55.0
54.9	14:16:34		54.9	54.9
54.1	14:16:35		54.1	54.1
53.3	14:16:36		53.3	53.3
52.6	14:16:37		52.6	52.6
52.4	14:16:38		52.4	52.4
52.3	14:16:39		52.3	52.3
52.1	14:16:40		52.1	52.1
51.9	14:16:41		51.9	51.9
51.8	14:16:42		51.8	51.8
51.9	14:16:43		51.9	51.9
52.6	14:16:44		52.6	52.6
53.4	14:16:45		53.4	53.4
54.3	14:16:46		54.3	54.3
55.1	14:16:47		55.1	55.1
55.2	14:16:48		55.2	55.2

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.4	13:55:32		44.4	44.4
44.9	13:56:33		44.9	44.9
44.3	13:56:34		44.3	44.3
43.9	13:56:35		43.9	43.9
44.4	13:56:36		44.4	44.4
45.4	13:56:37		45.4	45.4
45.3	13:56:38		45.3	45.3
45.7	13:56:39		45.7	45.7
47.7	13:56:40		47.7	47.7
49.6	13:56:41		49.6	49.6
51.6	13:56:42		51.6	51.6
53.4	13:56:43		53.4	53.4
56.6	13:56:44		56.6	56.6
57.7	13:56:45		57.7	57.7
56.1	13:56:46		56.1	56.1
55.1	13:56:47		55.1	55.1
53.5	13:56:48		53.5	53.5
51.6	13:56:49		51.6	51.6
49.8	13:56:50		49.8	49.8
48.0	13:56:51		48.0	48.0
46.8	13:56:52		46.8	46.8
46.1	13:56:53		46.1	46.1
45.5	13:56:54		45.5	45.5
45.4	13:56:55		45.4	45.4
46.3	13:56:56		46.3	46.3
46.7	13:56:57		46.7	46.7
46.2	13:56:58		46.2	46.2
46.3	13:56:59		46.3	46.3
46.3	13:57:00		46.3	46.3
46.1	13:57:01		46.1	46.1
45.5	13:57:02		45.5	45.5
44.8	13:57:03		44.8	44.8
44.6	13:57:04		44.6	44.6
44.3	13:57:05		44.3	44.3
44.2	13:57:06		44.2	44.2
44.2	13:57:07		44.2	44.2
49.3	13:57:08		49.3	49.3
49.3	13:57:09		49.3	49.3
46.8	13:57:10		46.8	46.8
45.3	13:57:11		45.3	45.3
44.8	13:57:12		44.8	44.8
47.8	13:57:13		47.8	47.8
48.8	13:57:14		48.8	48.8
48.4	13:57:15		48.4	48.4
46.7	13:57:16		46.7	46.7
46.8	13:57:17		46.8	46.8
46.7	13:57:18		46.7	46.7
46.0	13:57:19		46.0	46.0
45.8	13:57:20		45.8	45.8
46.9	13:57:21		46.9	46.9
47.6	13:57:22		47.6	47.6
48.5	13:57:23		48.5	48.5
48.7	13:57:24		48.7	48.7
48.6	13:57:25		48.6	48.6
48.8	13:57:26		48.8	48.8
49.4	13:57:27		49.4	49.4
49.4	13:57:28		49.4	49.4
50.2	13:57:29		50.2	50.2
53.0	13:57:30		53.0	53.0
57.5	13:57:31		57.5	57.5
60.8	13:57:32		60.8	60.8
63.0	13:57:33		63.0	63.0
61.5	13:57:34		61.5	61.5
58.2	13:57:35		58.2	58.2
55.6	13:57:36		55.6	55.6
53.1	13:57:37		53.1	53.1
50.9	13:57:38		50.9	50.9
50.5	13:57:39		50.5	50.5
48.7	13:57:40		48.7	48.7
48.7	13:57:41		48.7	48.7
47.6	13:57:42		47.6	47.6
48.9	13:57:43		48.9	48.9
47.2	13:57:44		47.2	47.2
47.3	13:57:45		47.3	47.3
47.4	13:57:46		47.4	47.4
47.7	13:57:47		47.7	47.7
46.9	13:57:48		46.9	46.9
45.9	13:57:49		45.9	45.9
46.1	13:57:50		46.1	46.1
46.1	13:57:51		46.1	46.1
46.0	13:57:52		46.0	46.0
45.6	13:57:53		45.6	45.6
45.2	13:57:54		45.2	45.2
45.0	13:57:55		45.0	45.0
44.7	13:57:56		44.7	44.7
44.4	13:57:57		44.4	44.4
45.9	13:57:58		45.9	45.9
45.7	13:57:59		45.7	45.7
45.2	13:58:00		45.2	45.2
44.5	13:58:01		44.5	44.5
44.4	13:58:02		44.4	44.4
44.0	13:58:03		44.0	44.0
43.9	13:58:04		43.9	43.9
43.9	13:58:05		43.9	43.9
43.9	13:58:06		43.9	43.9
44.2	13:58:07		44.2	44.2
44.5	13:58:08		44.5	44.5
45.9	13:58:09		45.9	45.9
47.6	13:58:10		47.6	47.6
48.9	13:58:11		48.9	48.9
50.8	13:58:12		50.8	50.8
52.3	13:58:13		52.3	52.3
52.2	13:58:14		52.2	52.2
52.7	13:58:15		52.7	52.7
52.0	13:58:16		52.0	52.0
50.8	13:58:17		50.8	50.8
51.5	13:58:18		51.5	51.5
52.6	13:58:19		52.6	52.6
50.3	13:58:20		50.3	50.3
48.3	13:58:21		48.3	48.3
46.7	13:58:22		46.7	46.7
45.8	13:58:23		45.8	45.8
46.5	13:58:24		46.5	46.5
46.7	13:58:25		46.7	46.7
45.8	13:58:26		45.8	45.8
44.8	13:58:27		44.8	44.8
49.2	13:58:28		49.2	49.2
49.5	13:58:29		49.5	49.5
52.3	13:58:30		52.3	52.3
53.8	13:58:31		53.8	53.8
53.1	13:58:32		53.1	53.1
51.8	13:58:33		51.8	51.8
51.8	13:58:34		51.8	51.8
53.4	13:58:35		53.4	53.4
54.4	13:58:36		54.4	54.4
57.9	13:58:37		57.9	57.9
60.3	13:58:38		60.3	60.3
60.4	13:58:39		60.4	60.4
59.1	13:58:40		59.1	59.1
57.5	13:58:41		57.5	57.5
56.0	13:58:42		56.0	56.0
53.6	13:58:43		53.6	53.6
51.3	13:58:44		51.3	51.3
50.0	13:58:45		50.0	50.0
48.4	13:58:46		48.4	48.4
48.1	13:58:47		48.1	48.1
47.8	13:58:48		47.8	47.8
47.6	13:58:49		47.6	47.6
47.7	13:58:50		47.7	47.7
46.2	13:58:51		46.2	46.2
45.6	13:58:52		45.6	45.6
44.9	13:58:53		44.9	44.9
43.9	13:58:54		43.9	43.9
43.6	13:58:55		43.6	43.6
44.5	13:58:56		44.5	44.5
44.0	13:58:57		44.0	44.0
43.3	13:58:58		43.3	43.3
43.1	13:58:59		43.1	43.1
43.5	13:59:00		43.5	43.5
43.7	13:59:01		43.7	43.7
45.2	13:59:02		45.2	45.2
45.4	13:59:03		45.4	45.4
44.8	13:59:04		44.8	44.8
44.8	13:59:05		44.8	44.8
45.1	13:59:06		45.1	45.1
45.0	13:59:07		45.0	45.0
45.0	13:59:08		45.0	45.0
45.1	13:59:09		45.1	45.1
45.2	13:59:10		45.2	45.2
45.2	13:59:11		45.2	45.2
45.1	13:59:12		45.1	45.1
45.9	13:59:13		45.9	45.9
45.0	13:59:14		45.0	45.0
46.4	13:59:15		46.4	46.4
45.4	13:59:16		45.4	45.4
45.5	13:59:17		45.5	45.5
45.7	13:59:18		45.7	45.7
45.3	13:59:19		45.3	45.3
45.3	13:59:20		45.3	45.3
45.4	13:59:21		45.4	45.4
45.9	13:59:22		45.9	45.9
45.7	13:59:23		45.7	45.7
45.9	13:59:24		45.9	45.9
47.4	13:59:25		47.4	47.4

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.8	14:31:18		44.8	44.8
45.0	14:31:19		45.0	45.0
45.6	14:31:20		45.6	45.6
45.4	14:31:21		45.4	45.4
45.6	14:31:22		45.6	45.6
45.4	14:31:23		45.4	45.4
44.9	14:31:24		44.9	44.9
44.8	14:31:25		44.8	44.8
44.9	14:31:26		44.9	44.9
45.0	14:31:27		45.0	45.0
44.7	14:31:28		44.7	44.7
44.8	14:31:29		44.8	44.8
44.9	14:31:30		44.9	44.9
45.3	14:31:31		45.3	45.3
46.5	14:31:32		46.5	46.5
46.7	14:31:33		46.7	46.7
46.7	14:31:34		46.7	46.7
47.0	14:31:35		47.0	47.0
46.6	14:31:36		46.6	46.6
46.7	14:31:37		46.7	46.7
47.3	14:31:38		47.3	47.3
46.6	14:31:39		46.6	46.6
46.1	14:31:40		46.1	46.1
47.3	14:31:41		47.3	47.3
48.2	14:31:42		48.2	48.2
47.4	14:31:43		47.4	47.4
46.1	14:31:44		46.1	46.1
46.3	14:31:45		46.3	46.3
45.9	14:31:46		45.9	45.9
46.3	14:31:47		46.3	46.3
46.9	14:31:48		46.9	46.9
47.5	14:31:49		47.5	47.5
47.6	14:31:50		47.6	47.6
48.7	14:31:51		48.7	48.7
48.4	14:31:52		48.4	48.4
47.9	14:31:53		47.9	47.9
47.9	14:31:54		47.9	47.9
48.1	14:31:55		48.1	48.1
49.6	14:31:56		49.6	49.6
51.4	14:31:57		51.4	51.4
51.3	14:31:58		51.3	51.3
51.0	14:31:59		51.0	51.0
50.1	14:32:00		50.1	50.1
49.6	14:32:01		49.6	49.6
49.0	14:32:02		49.0	49.0
48.5	14:32:03		48.5	48.5
48.7	14:32:04		48.7	48.7
47.8	14:32:05		47.8	47.8
46.9	14:32:06		46.9	46.9
46.3	14:32:07		46.3	46.3
46.5	14:32:08		46.5	46.5
46.0	14:32:09		46.0	46.0
45.8	14:32:10		45.8	45.8
46.6	14:32:11		46.6	46.6
46.2	14:32:12		46.2	46.2
45.3	14:32:13		45.3	45.3
44.7	14:32:14		44.7	44.7
45.1	14:32:15		45.1	45.1
45.9	14:32:16		45.9	45.9
46.2	14:32:17		46.2	46.2
46.7	14:32:18		46.7	46.7
46.3	14:32:19		46.3	46.3
44.9	14:32:20		44.9	44.9
44.2	14:32:21		44.2	44.2
44.8	14:32:22		44.8	44.8
46.4	14:32:23		46.4	46.4
48.0	14:32:24		48.0	48.0
47.7	14:32:25		47.7	47.7
49.3	14:32:26		49.3	49.3
49.9	14:32:27		49.9	49.9
49.5	14:32:28		49.5	49.5
49.6	14:32:29		49.6	49.6
49.7	14:32:30		49.7	49.7
48.4	14:32:31		48.4	48.4
47.1	14:32:32		47.1	47.1
46.2	14:32:33		46.2	46.2
45.9	14:32:34		45.9	45.9
46.3	14:32:35		46.3	46.3
46.6	14:32:36		46.6	46.6
47.5	14:32:37		47.5	47.5
46.4	14:32:38		46.4	46.4
45.6	14:32:39		45.6	45.6
45.8	14:32:40		45.8	45.8
46.3	14:32:41		46.3	46.3
46.3	14:32:42		46.3	46.3
46.4	14:32:43		46.4	46.4
47.2	14:32:44		47.2	47.2
48.9	14:32:45		48.9	48.9
52.6	14:32:46		52.6	52.6
54.5	14:32:47		54.5	54.5
62.0	14:32:48		62.0	62.0
67.2	14:32:49		67.2	67.2
65.4	14:32:50		65.4	65.4
61.8	14:32:51		61.8	61.8
58.3	14:32:52		58.3	58.3
55.0	14:32:53		55.0	55.0
51.7	14:32:54		51.7	51.7
48.8	14:32:55		48.8	48.8
47.5	14:32:56		47.5	47.5
46.4	14:32:57		46.4	46.4
46.4	14:32:58		46.4	46.4
46.9	14:32:59		46.9	46.9
48.2	14:33:00		48.2	48.2
47.5	14:33:01		47.5	47.5
45.7	14:33:02		45.7	45.7
44.2	14:33:03		44.2	44.2
43.2	14:33:04		43.2	43.2
42.5	14:33:05		42.5	42.5
42.4	14:33:06		42.4	42.4
42.2	14:33:07		42.2	42.2
42.3	14:33:08		42.3	42.3
42.1	14:33:09		42.1	42.1
42.0	14:33:10		42.0	42.0
42.0	14:33:11		42.0	42.0
42.2	14:33:12		42.2	42.2
42.7	14:33:13		42.7	42.7
43.2	14:33:14		43.2	43.2
43.4	14:33:15		43.4	43.4
43.2	14:33:16		43.2	43.2
43.2	14:33:17		43.2	43.2
43.7	14:33:18		43.7	43.7
43.8	14:33:19		43.8	43.8
44.5	14:33:20		44.5	44.5
45.9	14:33:21		45.9	45.9
46.4	14:33:22		46.4	46.4
46.4	14:33:23		46.4	46.4
45.5	14:33:24		45.5	45.5
44.8	14:33:25		44.8	44.8
44.7	14:33:26		44.7	44.7
44.5	14:33:27		44.5	44.5
45.5	14:33:28		45.5	45.5
45.0	14:33:29		45.0	45.0
45.4	14:33:30		45.4	45.4
45.8	14:33:31		45.8	45.8
45.9	14:33:32		45.9	45.9
47.5	14:33:33		47.5	47.5
47.2	14:33:34		47.2	47.2
47.5	14:33:35		47.5	47.5
47.6	14:33:36		47.6	47.6
46.7	14:33:37		46.7	46.7
46.4	14:33:38		46.4	46.4
47.6	14:33:39		47.6	47.6
48.2	14:33:40		48.2	48.2
47.6	14:33:41		47.6	47.6
47.9	14:33:42		47.9	47.9
48.9	14:33:43		48.9	48.9
49.2	14:33:44		49.2	49.2
47.0	14:33:45		47.0	47.0
45.1	14:33:46		45.1	45.1
44.0	14:33:47		44.0	44.0
43.5	14:33:48		43.5	43.5
43.4	14:33:49		43.4	43.4
43.4	14:33:50		43.4	43.4
43.1	14:33:51		43.1	43.1
43.0	14:33:52		43.0	43.0
43.2	14:33:53		43.2	43.2
44.0	14:33:54		44.0	44.0
44.1	14:33:55		44.1	44.1
43.4	14:33:56		43.4	43.4
42.9	14:33:57		42.9	42.9
42.7	14:33:58		42.7	42.7
42.6	14:33:59		42.6	42.6
42.7	14:34:00		42.7	42.7
43.0	14:34:01		43.0	43.0
43.5	14:34:02		43.5	43.5
43.8	14:34:03		43.8	43.8
43.5	14:34:04		43.5	43.5
43.1	14:34:05		43.1	43.1
43.3	14:34:06		43.3	43.3
44.2	14:34:07		44.2	44.2
44.2	14:34:08		44.2	44.2
44.1	14:34:09		44.1	44.1
44.6	14:34:10		44.6	44.6
43.8	14:34:11		43.8	43.8

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
55.0	14:16:49		55.0	55.0
54.8	14:16:50		54.8	54.8
54.7	14:16:51		54.7	54.7
54.7	14:16:52		54.7	54.7
54.9	14:16:53		54.9	54.9
55.8	14:16:54		55.8	55.8
56.4	14:16:55		56.4	56.4
55.8	14:16:56		55.8	55.8
55.3	14:16:57		55.3	55.3
55.6	14:16:58		55.6	55.6
54.8	14:16:59		54.8	54.8
54.2	14:17:00		54.2	54.2
53.5	14:17:01		53.5	53.5
53.3	14:17:02		53.3	53.3
53.2	14:17:03		53.2	53.2
52.8	14:17:04		52.8	52.8
52.3	14:17:05		52.3	52.3
52.2	14:17:06		52.2	52.2
52.2	14:17:07		52.2	52.2
52.8	14:17:08		52.8	52.8
53.2	14:17:09		53.2	53.2
53.8	14:17:10		53.8	53.8
54.4	14:17:11		54.4	54.4
53.6	14:17:12		53.6	53.6
53.8	14:17:13		53.8	53.8
53.5	14:17:14		53.5	53.5
54.5	14:17:15		54.5	54.5
54.6	14:17:16		54.6	54.6
53.2	14:17:17		53.2	53.2
52.3	14:17:18		52.3	52.3
51.9	14:17:19		51.9	51.9
52.2	14:17:20		52.2	52.2
53.1	14:17:21		53.1	53.1
53.8	14:17:22		53.8	53.8
54.0	14:17:23		54.0	54.0
53.8	14:17:24		53.8	53.8
53.9	14:17:25		53.9	53.9
54.2	14:17:26		54.2	54.2
54.9	14:17:27		54.9	54.9
56.2	14:17:28		56.2	56.2
58.1	14:17:29		58.1	58.1
59.3	14:17:30		59.3	59.3
59.4	14:17:31		59.4	59.4
57.2	14:17:32		57.2	57.2
55.0	14:17:33		55.0	55.0
53.7	14:17:34		53.7	53.7
53.2	14:17:35		53.2	53.2
53.3	14:17:36		53.3	53.3
53.6	14:17:37		53.6	53.6
53.9	14:17:38		53.9	53.9
53.9	14:17:39		53.9	53.9
53.4	14:17:40		53.4	53.4
52.9	14:17:41		52.9	52.9
52.9	14:17:42		52.9	52.9
52.7	14:17:43		52.7	52.7
52.2	14:17:44		52.2	52.2
52.2	14:17:45		52.2	52.2
52.2	14:17:46		52.2	52.2
52.2	14:17:47		52.2	52.2
52.3	14:17:48		52.3	52.3
52.7	14:17:49		52.7	52.7
52.8	14:17:50		52.8	52.8
52.9	14:17:51		52.9	52.9
52.9	14:17:52		52.9	52.9
53.0	14:17:53		53.0	53.0
52.9	14:17:54		52.9	52.9
52.9	14:17:55		52.9	52.9
53.1	14:17:56		53.1	53.1
52.9	14:17:57		52.9	52.9
52.7	14:17:58		52.7	52.7
52.8	14:17:59		52.8	52.8
52.7	14:18:00		52.7	52.7
52.4	14:18:01		52.4	52.4
52.4	14:18:02		52.4	52.4
52.6	14:18:03		52.6	52.6
53.0	14:18:04		53.0	53.0
53.5	14:18:05		53.5	53.5
53.9	14:18:06		53.9	53.9
55.4	14:18:07		55.4	55.4
55.4	14:18:08		55.4	55.4
55.0	14:18:09		55.0	55.0
55.1	14:18:10		55.1	55.1
54.8	14:18:11		54.8	54.8
55.2	14:18:12		55.2	55.2
55.7	14:18:13		55.7	55.7
56.2	14:18:14		56.2	56.2
58.3	14:18:15		58.3	58.3
59.4	14:18:16		59.4	59.4
57.3	14:18:17		57.3	57.3
56.1	14:18:18		56.1	56.1
55.4	14:18:19		55.4	55.4
55.1	14:18:20		55.1	55.1
54.6	14:18:21		54.6	54.6
53.9	14:18:22		53.9	53.9
54.2	14:18:23		54.2	54.2
54.0	14:18:24		54.0	54.0
53.9	14:18:25		53.9	53.9
54.8	14:18:26		54.8	54.8
54.9	14:18:27		54.9	54.9
54.1	14:18:28		54.1	54.1
53.5	14:18:29		53.5	53.5
52.9	14:18:30		52.9	52.9
52.5	14:18:31		52.5	52.5
52.6	14:18:32		52.6	52.6
53.3	14:18:33		53.3	53.3
54.0	14:18:34		54.0	54.0
53.9	14:18:35		53.9	53.9
53.8	14:18:36		53.8	53.8
54.0	14:18:37		54.0	54.0
54.1	14:18:38		54.1	54.1
54.3	14:18:39		54.3	54.3
54.6	14:18:40		54.6	54.6
55.2	14:18:41		55.2	55.2
54.9	14:18:42		54.9	54.9
55.4	14:18:43		55.4	55.4
56.1	14:18:44		56.1	56.1
55.3	14:18:45		55.3	55.3
54.7	14:18:46		54.7	54.7
58.0	14:18:47		58.0	58.0
62.6	14:18:48		62.6	62.6
64.3	14:18:49		64.3	64.3
62.6	14:18:50		62.6	62.6
60.0	14:18:51		60.0	60.0
57.5	14:18:52		57.5	57.5
55.4	14:18:53		55.4	55.4
53.9	14:18:54		53.9	53.9
53.0	14:18:55		53.0	53.0
52.4	14:18:56		52.4	52.4
51.9	14:18:57		51.9	51.9
51.9	14:18:58		51.9	51.9
51.8	14:18:59		51.8	51.8
51.8	14:19:00		51.8	51.8
52.0	14:19:01		52.0	52.0
52.3	14:19:02		52.3	52.3
52.3	14:19:03		52.3	52.3
52.4	14:19:04		52.4	52.4
52.3	14:19:05		52.3	52.3
53.0	14:19:06		53.0	53.0
54.0	14:19:07		54.0	54.0
54.6	14:19:08		54.6	54.6
54.1	14:19:09		54.1	54.1
54.3	14:19:10		54.3	54.3
54.3	14:19:11		54.3	54.3
54.5	14:19:12		54.5	54.5
53.9	14:19:13		53.9	53.9
53.2	14:19:14		53.2	53.2
52.8	14:19:15		52.8	52.8
52.7	14:19:16		52.7	52.7
52.7	14:19:17		52.7	52.7
52.7	14:19:18		52.7	52.7
52.2	14:19:19		52.2	52.2
52.0	14:19:20		52.0	52.0
52.0	14:19:21		52.0	52.0
52.1	14:19:22		52.1	52.1
52.1	14:19:23		52.1	52.1
54.2	14:19:24		54.2	54.2
54.2	14:19:25		54.2	54.2
54.2	14:19:26		54.2	54.2
53.8	14:19:27		53.8	53.8
53.4	14:19:28		53.4	53.4
53.0	14:19:29		53.0	53.0
53.0	14:19:30		53.0	53.0

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
47.2	13:59:26		47.2	47.2
46.6	13:59:27		46.6	46.6
46.3	13:59:28		46.3	46.3
46.0	13:59:29		46.0	46.0
45.9	13:59:30		45.9	45.9
45.5	13:59:31		45.5	45.5
45.3	13:59:32		45.3	45.3
45.2	13:59:33		45.2	45.2
45.1	13:59:34		45.1	45.1
45.1	13:59:35		45.1	45.1
45.2	13:59:36		45.2	45.2
45.4	13:59:37		45.4	45.4
45.6	13:59:38		45.6	45.6
45.7	13:59:39		45.7	45.7
46.0	13:59:40		46.0	46.0
46.5	13:59:41		46.5	46.5
47.4	13:59:42		47.4	47.4
48.4	13:59:43		48.4	48.4
47.0	13:59:44		47.0	47.0
48.0	13:59:45		48.0	48.0
46.9	13:59:46		46.9	46.9
47.1	13:59:47		47.1	47.1
47.6	13:59:48		47.6	47.6
48.5	13:59:49		48.5	48.5
49.1	13:59:50		49.1	49.1
48.7	13:59:51		48.7	48.7
49.0	13:59:52		49.0	49.0
49.4	13:59:53		49.4	49.4
49.5	13:59:54		49.5	49.5
50.9	13:59:55		50.9	50.9
50.6	13:59:56		50.6	50.6
51.0	13:59:57		51.0	51.0
51.6	13:59:58		51.6	51.6
55.1	13:59:59		55.1	55.1
58.6	14:00:00		58.6	58.6
60.9	14:00:01		60.9	60.9
62.8	14:00:02		62.8	62.8
61.0	14:00:03		61.0	61.0
58.1	14:00:04		58.1	58.1
56.1	14:00:05		56.1	56.1
55.2	14:00:06		55.2	55.2
53.6	14:00:07		53.6	53.6
52.9	14:00:08		52.9	52.9
51.4	14:00:09		51.4	51.4
50.0	14:00:10		50.0	50.0
50.3	14:00:11		50.3	50.3
49.6	14:00:12		49.6	49.6
48.8	14:00:13		48.8	48.8
48.7	14:00:14		48.7	48.7
49.9	14:00:15		49.9	49.9
49.3	14:00:16		49.3	49.3
49.1	14:00:17		49.1	49.1
49.1	14:00:18		49.1	49.1
47.9	14:00:19		47.9	47.9
47.0	14:00:20		47.0	47.0
46.3	14:00:21		46.3	46.3
46.8	14:00:22		46.8	46.8
46.3	14:00:23		46.3	46.3
45.8	14:00:24		45.8	45.8
45.6	14:00:25		45.6	45.6
46.1	14:00:26		46.1	46.1
46.7	14:00:27		46.7	46.7
46.0	14:00:28		46.0	46.0
45.1	14:00:29		45.1	45.1
44.6	14:00:30		44.6	44.6
44.4	14:00:31		44.4	44.4
44.3	14:00:32		44.3	44.3
44.2	14:00:33		44.2	44.2
44.2	14:00:34		44.2	44.2
44.3	14:00:35		44.3	44.3
44.2	14:00:36		44.2	44.2
46.0	14:00:37		46.0	46.0
45.2	14:00:38		45.2	45.2
45.2	14:00:39		45.2	45.2
45.2	14:00:40		45.2	45.2
45.0	14:00:41		45.0	45.0
45.3	14:00:42		45.3	45.3
45.1	14:00:43		45.1	45.1
45.1	14:00:44		45.1	45.1
46.6	14:00:45		46.6	46.6
45.9	14:00:46		45.9	45.9
45.9	14:00:47		45.9	45.9
45.7	14:00:48		45.7	45.7
45.5	14:00:49		45.5	45.5
45.1	14:00:50		45.1	45.1
47.3	14:00:51		47.3	47.3
46.4	14:00:52		46.4	46.4
45.6	14:00:53		45.6	45.6
45.4	14:00:54		45.4	45.4
45.4	14:00:55		45.4	45.4
44.9	14:00:56		44.9	44.9
45.0	14:00:57		45.0	45.0
45.6	14:00:58		45.6	45.6
46.1	14:00:59		46.1	46.1
46.8	14:01:00		46.8	46.8
47.5	14:01:01		47.5	47.5
47.7	14:01:02		47.7	47.7
47.6	14:01:03		47.6	47.6
48.1	14:01:04		48.1	48.1
48.4	14:01:05		48.4	48.4
48.2	14:01:06		48.2	48.2
48.4	14:01:07		48.4	48.4
48.4	14:01:08		48.4	48.4
49.5	14:01:09		49.5	49.5
50.6	14:01:10		50.6	50.6
50.9	14:01:11		50.9	50.9
52.7	14:01:12		52.7	52.7
53.0	14:01:13		53.0	53.0
53.1	14:01:14		53.1	53.1
54.5	14:01:15		54.5	54.5
55.4	14:01:16		55.4	55.4
57.2	14:01:17		57.2	57.2
60.1	14:01:18		60.1	60.1
58.2	14:01:19		58.2	58.2
56.8	14:01:20		56.8	56.8
55.6	14:01:21		55.6	55.6
53.3	14:01:22		53.3	53.3
63.9	14:01:23		63.9	63.9
61.4	14:01:24		61.4	61.4
57.6	14:01:25		57.6	57.6
54.5	14:01:26		54.5	54.5
51.9	14:01:27		51.9	51.9
50.7	14:01:28		50.7	50.7
49.8	14:01:29		49.8	49.8
49.1	14:01:30		49.1	49.1
49.0	14:01:31		49.0	49.0
48.6	14:01:32		48.6	48.6
48.0	14:01:33		48.0	48.0
47.7	14:01:34		47.7	47.7
48.2	14:01:35		48.2	48.2
48.5	14:01:36		48.5	48.5
48.1	14:01:37		48.1	48.1
48.3	14:01:38		48.3	48.3
47.8	14:01:39		47.8	47.8
47.2	14:01:40		47.2	47.2
47.1	14:01:41		47.1	47.1
46.6	14:01:42		46.6	46.6
46.1	14:01:43		46.1	46.1
45.9	14:01:44		45.9	45.9
46.9	14:01:45		46.9	46.9
46.0	14:01:46		46.0	46.0
46.0	14:01:47		46.0	46.0
46.0	14:01:48		46.0	46.0
45.4	14:01:49		45.4	45.4
45.5	14:01:50		45.5	45.5
45.0	14:01:51		45.0	45.0
45.0	14:01:52		45.0	45.0
44.9	14:01:53		44.9	44.9
45.0	14:01:54		45.0	45.0
45.1	14:01:55		45.1	45.1
44.9	14:01:56		44.9	44.9
44.7	14:01:57		44.7	44.7
44.6	14:01:58		44.6	44.6
44.4	14:01:59		44.4	44.4
44.2	14:02:00		44.2	44.2
44.3	14:02:01		44.3	44.3
44.3	14:02:02		44.3	44.3
44.1	14:02:03		44.1	44.1
44.1	14:02:04		44.1	44.1
44.2	14:02:05		44.2	44.2
44.3	14:02:06		44.3	44.3
44.5	14:02:07		44.5	44.5

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
43.2	14:34:12		43.2	43.2
42.9	14:34:13		42.9	42.9
42.5	14:34:14		42.5	42.5
42.7	14:34:15		42.7	42.7
42.9	14:34:16		42.9	42.9
43.1	14:34:17		43.1	43.1
43.7	14:34:18		43.7	43.7
44.2	14:34:19		44.2	44.2
45.0	14:34:20		45.0	45.0
44.9	14:34:21		44.9	44.9
44.7	14:34:22		44.7	44.7
44.4	14:34:23		44.4	44.4
44.4	14:34:24		44.4	44.4
44.7	14:34:25		44.7	44.7
45.3	14:34:26		45.3	45.3
46.8	14:34:27		46.8	46.8
49.5	14:34:28		49.5	49.5
50.3	14:34:29		50.3	50.3
49.7	14:34:30		49.7	49.7
50.0	14:34:31		50.0	50.0
50.6	14:34:32		50.6	50.6
53.0	14:34:33		53.0	53.0
55.7	14:34:34		55.7	55.7
61.5	14:34:35		61.5	61.5
63.5	14:34:36		63.5	63.5
61.4	14:34:37		61.4	61.4
58.3	14:34:38		58.3	58.3
56.1	14:34:39		56.1	56.1
55.1	14:34:40		55.1	55.1
52.3	14:34:41		52.3	52.3
49.4	14:34:42		49.4	49.4
47.2	14:34:43		47.2	47.2
48.5	14:34:44		48.5	48.5
54.3	14:34:45		54.3	54.3
57.0	14:34:46		57.0	57.0
55.6	14:34:47		55.6	55.6
52.9	14:34:48		52.9	52.9
50.2	14:34:49		50.2	50.2
48.4	14:34:50		48.4	48.4
47.0	14:34:51		47.0	47.0
45.9	14:34:52		45.9	45.9
46.4	14:34:53		46.4	46.4
46.0	14:34:54		46.0	46.0
45.4	14:34:55		45.4	45.4
45.3	14:34:56		45.3	45.3
45.9	14:34:57		45.9	45.9
46.7	14:34:58		46.7	46.7
46.7	14:34:59		46.7	46.7
45.2	14:35:00		45.2	45.2
44.5	14:35:01		44.5	44.5
44.0	14:35:02		44.0	44.0
43.5	14:35:03		43.5	43.5
44.3	14:35:04		44.3	44.3
43.9	14:35:05		43.9	43.9
43.4	14:35:06		43.4	43.4
44.1	14:35:07		44.1	44.1
44.3	14:35:08		44.3	44.3
45.4	14:35:09		45.4	45.4
48.2	14:35:10		48.2	48.2
50.5	14:35:11		50.5	50.5
53.9	14:35:12		53.9	53.9
55.3	14:35:13		55.3	55.3
55.3	14:35:14		55.3	55.3
55.5	14:35:15		55.5	55.5
55.0	14:35:16		55.0	55.0
52.8	14:35:17		52.8	52.8
51.7	14:35:18		51.7	51.7
50.8	14:35:19		50.8	50.8
58.5	14:35:20		58.5	58.5
60.1	14:35:21		60.1	60.1
58.2	14:35:22		58.2	58.2
57.4	14:35:23		57.4	57.4
56.1	14:35:24		56.1	56.1
54.1	14:35:25		54.1	54.1
51.8	14:35:26		51.8	51.8
49.7	14:35:27		49.7	49.7
48.2	14:35:28		48.2	48.2
47.6	14:35:29		47.6	47.6
46.5	14:35:30		46.5	46.5
46.6	14:35:31		46.6	46.6
47.0	14:35:32		47.0	47.0
46.8	14:35:33		46.8	46.8
46.9	14:35:34		46.9	46.9
46.7	14:35:35		46.7	46.7
46.8	14:35:36		46.8	46.8
46.4	14:35:37		46.4	46.4
46.0	14:35:38		46.0	46.0
46.1	14:35:39		46.1	46.1
46.1	14:35:40		46.1	46.1
46.6	14:35:41		46.6	46.6
47.7	14:35:42		47.7	47.7
48.4	14:35:43		48.4	48.4
47.9	14:35:44		47.9	47.9
47.6	14:35:45		47.6	47.6
47.1	14:35:46		47.1	47.1
47.0	14:35:47		47.0	47.0
47.4	14:35:48		47.4	47.4
47.3	14:35:49		47.3	47.3
47.4	14:35:50		47.4	47.4
47.7	14:35:51		47.7	47.7
49.3	14:35:52		49.3	49.3
51.8	14:35:53		51.8	51.8
53.7	14:35:54		53.7	53.7
52.7	14:35:55		52.7	52.7
51.2	14:35:56		51.2	51.2
50.0	14:35:57		50.0	50.0
48.5	14:35:58		48.5	48.5
47.8	14:35:59		47.8	47.8
47.7	14:36:00		47.7	47.7
48.6	14:36:01		48.6	48.6
49.1	14:36:02		49.1	49.1
48.3	14:36:03		48.3	48.3
48.1	14:36:04		48.1	48.1
48.8	14:36:05		48.8	48.8
49.4	14:36:06		49.4	49.4
49.2	14:36:07		49.2	49.2
48.8	14:36:08		48.8	48.8
49.8	14:36:09		49.8	49.8
49.9	14:36:10		49.9	49.9
50.3	14:36:11		50.3	50.3
50.2	14:36:12		50.2	50.2
49.9	14:36:13		49.9	49.9
51.6	14:36:14		51.6	51.6
56.4	14:36:15		56.4	56.4
59.6	14:36:16		59.6	59.6
58.1	14:36:17		58.1	58.1
56.5	14:36:18		56.5	56.5
55.2	14:36:19		55.2	55.2
53.2	14:36:20		53.2	53.2
50.2	14:36:21		50.2	50.2
48.3	14:36:22		48.3	48.3
47.6	14:36:23		47.6	47.6
47.5	14:36:24		47.5	47.5
47.6	14:36:25		47.6	47.6
48.2	14:36:26		48.2	48.2
49.1	14:36:27		49.1	49.1
48.7	14:36:28		48.7	48.7
47.7	14:36:29		47.7	47.7
46.8	14:36:30		46.8	46.8
46.3	14:36:31		46.3	46.3
46.0	14:36:32		46.0	46.0
45.7	14:36:33		45.7	45.7
45.5	14:36:34		45.5	45.5
45.3	14:36:35		45.3	45.3
45.1	14:36:36		45.1	45.1
45.8	14:36:37		45.8	45.8
48.2	14:36:38		48.2	48.2
47.0	14:36:39		47.0	47.0
45.5	14:36:40		45.5	45.5
44.5	14:36:41		44.5	44.5
44.0	14:36:42		44.0	44.0
43.8	14:36:43		43.8	43.8
43.5	14:36:44		43.5	43.5
43.7	14:36:45		43.7	43.7
44.0	14:36:46		44.0	44.0
44.5	14:36:47		44.5	44.5
44.9	14:36:48		44.9	44.9
44.8	14:36:49		44.8	44.8
44.7	14:36:50		44.7	44.7
44.8	14:36:51		44.8	44.8
44.8	14:36:52		44.8	44.8
44.6	14:36:53		44.6	44.6

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
53.0	14:19:31		53.0	53.0
53.2	14:19:32		53.2	53.2
53.6	14:19:33		53.6	53.6
53.9	14:19:34		53.9	53.9
53.9	14:19:35		53.9	53.9
54.2	14:19:36		54.2	54.2
54.4	14:19:37		54.4	54.4
54.4	14:19:38		54.4	54.4
54.8	14:19:39		54.8	54.8
55.5	14:19:40		55.5	55.5
56.0	14:19:41		56.0	56.0
55.6	14:19:42		55.6	55.6
55.8	14:19:43		55.8	55.8
56.4	14:19:44		56.4	56.4
56.4	14:19:45		56.4	56.4
56.7	14:19:46		56.7	56.7
57.1	14:19:47		57.1	57.1
56.4	14:19:48		56.4	56.4
55.8	14:19:49		55.8	55.8
55.2	14:19:50		55.2	55.2
55.2	14:19:51		55.2	55.2
55.4	14:19:52		55.4	55.4
55.1	14:19:53		55.1	55.1
54.6	14:19:54		54.6	54.6
54.1	14:19:55		54.1	54.1
53.8	14:19:56		53.8	53.8
53.5	14:19:57		53.5	53.5
53.5	14:19:58		53.5	53.5
53.5	14:19:59		53.5	53.5
53.6	14:20:00		53.6	53.6
53.5	14:20:01		53.5	53.5
53.5	14:20:02		53.5	53.5
54.0	14:20:03		54.0	54.0
54.5	14:20:04		54.5	54.5
54.7	14:20:05		54.7	54.7
55.5	14:20:06		55.5	55.5
55.8	14:20:07		55.8	55.8
55.4	14:20:08		55.4	55.4
55.0	14:20:09		55.0	55.0
55.0	14:20:10		55.0	55.0
55.8	14:20:11		55.8	55.8
56.4	14:20:12		56.4	56.4
55.3	14:20:13		55.3	55.3
54.0	14:20:14		54.0	54.0
53.3	14:20:15		53.3	53.3
52.9	14:20:16		52.9	52.9
52.9	14:20:17		52.9	52.9
53.1	14:20:18		53.1	53.1
53.2	14:20:19		53.2	53.2
53.0	14:20:20		53.0	53.0
52.9	14:20:21		52.9	52.9
53.0	14:20:22		53.0	53.0
53.4	14:20:23		53.4	53.4
53.5	14:20:24		53.5	53.5
53.6	14:20:25		53.6	53.6
54.7	14:20:26		54.7	54.7
55.9	14:20:27		55.9	55.9
56.9	14:20:28		56.9	56.9
56.4	14:20:29		56.4	56.4
55.1	14:20:30		55.1	55.1
54.0	14:20:31		54.0	54.0
53.7	14:20:32		53.7	53.7
54.4	14:20:33		54.4	54.4
54.9	14:20:34		54.9	54.9
54.8	14:20:35		54.8	54.8
54.4	14:20:36		54.4	54.4
54.0	14:20:37		54.0	54.0
53.8	14:20:38		53.8	53.8
54.1	14:20:39		54.1	54.1
53.9	14:20:40		53.9	53.9
53.9	14:20:41		53.9	53.9
54.0	14:20:42		54.0	54.0
54.0	14:20:43		54.0	54.0
53.3	14:20:44		53.3	53.3
53.1	14:20:45		53.1	53.1
53.3	14:20:46		53.3	53.3
53.4	14:20:47		53.4	53.4
53.1	14:20:48		53.1	53.1
53.1	14:20:49		53.1	53.1
53.6	14:20:50		53.6	53.6
53.7	14:20:51		53.7	53.7
53.6	14:20:52		53.6	53.6
53.5	14:20:53		53.5	53.5
53.4	14:20:54		53.4	53.4
53.6	14:20:55		53.6	53.6
54.7	14:20:56		54.7	54.7
54.5	14:20:57		54.5	54.5
54.0	14:20:58		54.0	54.0
53.5	14:20:59		53.5	53.5
53.6	14:21:00		53.6	53.6
54.3	14:21:01		54.3	54.3
55.0	14:21:02		55.0	55.0
55.8	14:21:03		55.8	55.8
55.9	14:21:04		55.9	55.9
55.8	14:21:05		55.8	55.8
54.5	14:21:06		54.5	54.5
53.7	14:21:07		53.7	53.7
53.5	14:21:08		53.5	53.5
53.6	14:21:09		53.6	53.6
54.8	14:21:10		54.8	54.8
54.8	14:21:11		54.8	54.8
54.1	14:21:12		54.1	54.1
53.5	14:21:13		53.5	53.5
53.2	14:21:14		53.2	53.2
53.2	14:21:15		53.2	53.2
53.3	14:21:16		53.3	53.3
53.6	14:21:17		53.6	53.6
54.0	14:21:18		54.0	54.0
54.1	14:21:19		54.1	54.1
53.7	14:21:20		53.7	53.7
53.4	14:21:21		53.4	53.4
53.5	14:21:22		53.5	53.5
54.0	14:21:23		54.0	54.0
54.6	14:21:24		54.6	54.6
55.5	14:21:25		55.5	55.5
55.7	14:21:26		55.7	55.7
56.0	14:21:27		56.0	56.0
56.3	14:21:28		56.3	56.3
56.4	14:21:29		56.4	56.4
57.2	14:21:30		57.2	57.2
56.9	14:21:31		56.9	56.9
56.4	14:21:32		56.4	56.4
56.3	14:21:33		56.3	56.3
55.9	14:21:34		55.9	55.9
55.3	14:21:35		55.3	55.3
55.4	14:21:36		55.4	55.4
56.1	14:21:37		56.1	56.1
55.3	14:21:38		55.3	55.3
55.8	14:21:39		55.8	55.8
56.0	14:21:40		56.0	56.0
55.9	14:21:41		55.9	55.9
56.4	14:21:42		56.4	56.4
56.9	14:21:43		56.9	56.9
56.9	14:21:44		56.9	56.9
56.9	14:21:45		56.9	56.9
57.5	14:21:46		57.5	57.5
57.1	14:21:47		57.1	57.1
56.3	14:21:48		56.3	56.3
55.7	14:21:49		55.7	55.7
55.5	14:21:50		55.5	55.5
55.3	14:21:51		55.3	55.3
56.7	14:21:52		56.7	56.7
57.2	14:21:53		57.2	57.2
57.1	14:21:54		57.1	57.1
57.4	14:21:55		57.4	57.4
56.4	14:21:56		56.4	56.4
55.6	14:21:57		55.6	55.6
55.8	14:21:58		55.8	55.8
56.6	14:21:59		56.6	56.6
56.4	14:22:00		56.4	56.4
55.4	14:22:01		55.4	55.4
54.6	14:22:02		54.6	54.6
54.2	14:22:03		54.2	54.2
53.8	14:22:04		53.8	53.8
53.6	14:22:05		53.6	53.6
53.7	14:22:06		53.7	53.7
54.0	14:22:07		54.0	54.0
54.3	14:22:08		54.3	54.3
55.0	14:22:09		55.0	55.0
56.0	14:22:10		56.0	56.0
57.2	14:22:11		57.2	57.2
59.2	14:22:12		59.2	59.2

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.6	14:02:08		44.6	44.6
44.6	14:02:09		44.6	44.6
44.9	14:02:10		44.9	44.9
45.4	14:02:11		45.4	45.4
46.1	14:02:12		46.1	46.1
45.6	14:02:13		45.6	45.6
45.3	14:02:14		45.3	45.3
46.6	14:02:15		46.6	46.6
46.2	14:02:16		46.2	46.2
46.2	14:02:17		46.2	46.2
46.3	14:02:18		46.3	46.3
45.9	14:02:19		45.9	45.9
46.9	14:02:20		46.9	46.9
47.3	14:02:21		47.3	47.3
46.9	14:02:22		46.9	46.9
46.5	14:02:23		46.5	46.5
46.4	14:02:24		46.4	46.4
46.2	14:02:25		46.2	46.2
46.1	14:02:26		46.1	46.1
46.0	14:02:27		46.0	46.0
45.7	14:02:28		45.7	45.7
45.6	14:02:29		45.6	45.6
45.7	14:02:30		45.7	45.7
46.0	14:02:31		46.0	46.0
46.4	14:02:32		46.4	46.4
46.9	14:02:33		46.9	46.9
47.6	14:02:34		47.6	47.6
48.5	14:02:35		48.5	48.5
50.6	14:02:36		50.6	50.6
52.4	14:02:37		52.4	52.4
54.1	14:02:38		54.1	54.1
55.8	14:02:39		55.8	55.8
56.2	14:02:40		56.2	56.2
54.7	14:02:41		54.7	54.7
53.9	14:02:42		53.9	53.9
52.7	14:02:43		52.7	52.7
51.0	14:02:44		51.0	51.0
50.3	14:02:45		50.3	50.3
49.2	14:02:46		49.2	49.2
49.0	14:02:47		49.0	49.0
48.4	14:02:48		48.4	48.4
47.2	14:02:49		47.2	47.2
47.1	14:02:50		47.1	47.1
47.3	14:02:51		47.3	47.3
46.1	14:02:52		46.1	46.1
45.5	14:02:53		45.5	45.5
45.4	14:02:54		45.4	45.4
46.0	14:02:55		46.0	46.0
46.0	14:02:56		46.0	46.0
45.6	14:02:57		45.6	45.6
45.7	14:02:58		45.7	45.7
45.8	14:02:59		45.8	45.8
45.8	14:03:00		45.8	45.8
45.6	14:03:01		45.6	45.6
45.2	14:03:02		45.2	45.2
45.3	14:03:03		45.3	45.3
45.6	14:03:04		45.6	45.6
46.0	14:03:05		46.0	46.0
46.3	14:03:06		46.3	46.3
46.7	14:03:07		46.7	46.7
48.2	14:03:08		48.2	48.2
51.6	14:03:09		51.6	51.6
55.6	14:03:10		55.6	55.6
58.7	14:03:11		58.7	58.7
63.6	14:03:12		63.6	63.6
67.8	14:03:13		67.8	67.8
68.7	14:03:14		68.7	68.7
66.6	14:03:15		66.6	66.6
64.0	14:03:16		64.0	64.0
62.4	14:03:17		62.4	62.4
62.3	14:03:18		62.3	62.3
60.7	14:03:19		60.7	60.7
59.3	14:03:20		59.3	59.3
57.4	14:03:21		57.4	57.4
57.0	14:03:22		57.0	57.0
55.4	14:03:23		55.4	55.4
53.0	14:03:24		53.0	53.0
51.7	14:03:25		51.7	51.7
51.4	14:03:26		51.4	51.4
52.2	14:03:27		52.2	52.2
53.8	14:03:28		53.8	53.8
56.5	14:03:29		56.5	56.5
58.4	14:03:30		58.4	58.4
58.3	14:03:31		58.3	58.3
57.0	14:03:32		57.0	57.0
56.3	14:03:33		56.3	56.3
54.8	14:03:34		54.8	54.8
52.7	14:03:35		52.7	52.7
50.5	14:03:36		50.5	50.5
48.7	14:03:37		48.7	48.7
46.9	14:03:38		46.9	46.9
46.0	14:03:39		46.0	46.0
45.6	14:03:40		45.6	45.6
45.4	14:03:41		45.4	45.4
45.4	14:03:42		45.4	45.4
45.4	14:03:43		45.4	45.4
45.6	14:03:44		45.6	45.6
47.3	14:03:45		47.3	47.3
46.5	14:03:46		46.5	46.5
46.8	14:03:47		46.8	46.8
48.5	14:03:48		48.5	48.5
49.4	14:03:49		49.4	49.4
49.4	14:03:50		49.4	49.4
50.3	14:03:51		50.3	50.3
51.5	14:03:52		51.5	51.5
53.6	14:03:53		53.6	53.6
58.7	14:03:54		58.7	58.7
63.7	14:03:55		63.7	63.7
65.7	14:03:56		65.7	65.7
65.6	14:03:57		65.6	65.6
62.4	14:03:58		62.4	62.4
58.8	14:03:59		58.8	58.8
55.3	14:04:00		55.3	55.3
52.1	14:04:01		52.1	52.1
49.9	14:04:02		49.9	49.9
48.8	14:04:03		48.8	48.8
48.1	14:04:04		48.1	48.1
47.6	14:04:05		47.6	47.6
47.2	14:04:06		47.2	47.2
47.2	14:04:07		47.2	47.2
49.0	14:04:08		49.0	49.0
49.3	14:04:09		49.3	49.3
48.5	14:04:10		48.5	48.5
47.8	14:04:11		47.8	47.8
47.4	14:04:12		47.4	47.4
46.6	14:04:13		46.6	46.6
46.0	14:04:14		46.0	46.0
47.5	14:04:15		47.5	47.5
46.4	14:04:16		46.4	46.4
46.1	14:04:17		46.1	46.1
46.5	14:04:18		46.5	46.5
45.8	14:04:19		45.8	45.8
45.0	14:04:20		45.0	45.0
44.7	14:04:21		44.7	44.7
44.5	14:04:22		44.5	44.5
44.3	14:04:23		44.3	44.3
44.2	14:04:24		44.2	44.2
44.1	14:04:25		44.1	44.1
44.3	14:04:26		44.3	44.3
44.4	14:04:27		44.4	44.4
45.3	14:04:28		45.3	45.3
47.8	14:04:29		47.8	47.8
49.1	14:04:30		49.1	49.1
48.9	14:04:31		48.9	48.9
47.7	14:04:32		47.7	47.7
46.8	14:04:33		46.8	46.8
46.4	14:04:34		46.4	46.4
46.4	14:04:35		46.4	46.4
45.8	14:04:36		45.8	45.8
45.3	14:04:37		45.3	45.3
45.0	14:04:38		45.0	45.0
44.7	14:04:39		44.7	44.7
44.3	14:04:40		44.3	44.3
44.0	14:04:41		44.0	44.0
44.1	14:04:42		44.1	44.1
43.9	14:04:43		43.9	43.9
44.0	14:04:44		44.0	44.0
46.2	14:04:45		46.2	46.2
44.9	14:04:46		44.9	44.9
45.2	14:04:47		45.2	45.2
45.3	14:04:48		45.3	45.3
44.4	14:04:49		44.4	44.4

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.7	14:36:54		44.7	44.7
44.7	14:36:55		44.7	44.7
44.8	14:36:56		44.8	44.8
44.8	14:36:57		44.8	44.8
44.2	14:36:58		44.2	44.2
43.9	14:36:59		43.9	43.9
44.2	14:37:00		44.2	44.2
44.4	14:37:01		44.4	44.4
44.1	14:37:02		44.1	44.1
44.2	14:37:03		44.2	44.2
44.1	14:37:04		44.1	44.1
43.7	14:37:05		43.7	43.7
43.5	14:37:06		43.5	43.5
43.3	14:37:07		43.3	43.3
43.4	14:37:08		43.4	43.4
43.9	14:37:09		43.9	43.9
44.4	14:37:10		44.4	44.4
44.8	14:37:11		44.8	44.8
44.5	14:37:12		44.5	44.5
44.7	14:37:13		44.7	44.7
44.9	14:37:14		44.9	44.9
44.8	14:37:15		44.8	44.8
44.8	14:37:16		44.8	44.8
44.5	14:37:17		44.5	44.5
44.2	14:37:18		44.2	44.2
44.2	14:37:19		44.2	44.2
44.3	14:37:20		44.3	44.3
44.7	14:37:21		44.7	44.7
45.1	14:37:22		45.1	45.1
45.5	14:37:23		45.5	45.5
46.0	14:37:24		46.0	46.0
46.4	14:37:25		46.4	46.4
46.1	14:37:26		46.1	46.1
45.6	14:37:27		45.6	45.6
45.2	14:37:28		45.2	45.2
45.7	14:37:29		45.7	45.7
46.7	14:37:30		46.7	46.7
47.1	14:37:31		47.1	47.1
48.3	14:37:32		48.3	48.3
48.0	14:37:33		48.0	48.0
47.7	14:37:34		47.7	47.7
47.1	14:37:35		47.1	47.1
48.1	14:37:36		48.1	48.1
48.4	14:37:37		48.4	48.4
47.3	14:37:38		47.3	47.3
46.1	14:37:39		46.1	46.1
45.3	14:37:40		45.3	45.3
45.1	14:37:41		45.1	45.1
45.4	14:37:42		45.4	45.4
45.4	14:37:43		45.4	45.4
44.6	14:37:44		44.6	44.6
43.5	14:37:45		43.5	43.5
42.9	14:37:46		42.9	42.9
42.9	14:37:47		42.9	42.9
43.1	14:37:48		43.1	43.1
43.0	14:37:49		43.0	43.0
43.3	14:37:50		43.3	43.3
43.6	14:37:51		43.6	43.6
44.5	14:37:52		44.5	44.5
46.6	14:37:53		46.6	46.6
46.9	14:37:54		46.9	46.9
46.7	14:37:55		46.7	46.7
47.2	14:37:56		47.2	47.2
46.5	14:37:57		46.5	46.5
46.0	14:37:58		46.0	46.0
45.9	14:37:59		45.9	45.9
44.9	14:38:00		44.9	44.9
44.2	14:38:01		44.2	44.2
43.3	14:38:02		43.3	43.3
42.9	14:38:03		42.9	42.9
42.6	14:38:04		42.6	42.6
42.5	14:38:05		42.5	42.5
42.7	14:38:06		42.7	42.7
42.6	14:38:07		42.6	42.6
42.3	14:38:08		42.3	42.3
42.5	14:38:09		42.5	42.5
42.5	14:38:10		42.5	42.5
42.5	14:38:11		42.5	42.5
42.5	14:38:12		42.5	42.5
42.8	14:38:13		42.8	42.8
43.1	14:38:14		43.1	43.1
43.3	14:38:15		43.3	43.3
43.6	14:38:16		43.6	43.6
43.4	14:38:17		43.4	43.4
43.6	14:38:18		43.6	43.6
43.9	14:38:19		43.9	43.9
43.9	14:38:20		43.9	43.9
44.6	14:38:21		44.6	44.6
44.8	14:38:22		44.8	44.8
44.1	14:38:23		44.1	44.1
43.6	14:38:24		43.6	43.6
43.3	14:38:25		43.3	43.3
43.0	14:38:26		43.0	43.0
42.8	14:38:27		42.8	42.8
42.8	14:38:28		42.8	42.8
42.9	14:38:29		42.9	42.9
43.0	14:38:30		43.0	43.0
43.5	14:38:31		43.5	43.5
43.9	14:38:32		43.9	43.9
43.7	14:38:33		43.7	43.7
43.4	14:38:34		43.4	43.4
43.4	14:38:35		43.4	43.4
43.6	14:38:36		43.6	43.6
43.4	14:38:37		43.4	43.4
43.4	14:38:38		43.4	43.4
43.5	14:38:39		43.5	43.5
43.7	14:38:40		43.7	43.7
43.9	14:38:41		43.9	43.9
44.3	14:38:42		44.3	44.3
45.3	14:38:43		45.3	45.3
45.7	14:38:44		45.7	45.7
45.0	14:38:45		45.0	45.0
44.8	14:38:46		44.8	44.8
44.8	14:38:47		44.8	44.8
44.8	14:38:48		44.8	44.8
44.9	14:38:49		44.9	44.9
47.2	14:38:50		47.2	47.2
49.7	14:38:51		49.7	49.7
47.7	14:38:52		47.7	47.7
46.5	14:38:53		46.5	46.5
46.3	14:38:54		46.3	46.3
46.3	14:38:55		46.3	46.3
46.5	14:38:56		46.5	46.5
46.6	14:38:57		46.6	46.6
47.3	14:38:58		47.3	47.3
47.6	14:38:59		47.6	47.6
46.9	14:39:00		46.9	46.9
47.1	14:39:01		47.1	47.1
48.3	14:39:02		48.3	48.3
49.9	14:39:03		49.9	49.9
49.4	14:39:04		49.4	49.4
48.2	14:39:05		48.2	48.2
47.1	14:39:06		47.1	47.1
46.5	14:39:07		46.5	46.5
46.3	14:39:08		46.3	46.3
46.4	14:39:09		46.4	46.4
47.1	14:39:10		47.1	47.1
47.7	14:39:11		47.7	47.7
48.1	14:39:12		48.1	48.1
49.5	14:39:13		49.5	49.5
50.2	14:39:14		50.2	50.2
49.5	14:39:15		49.5	49.5
48.9	14:39:16		48.9	48.9
48.5	14:39:17		48.5	48.5
48.4	14:39:18		48.4	48.4
49.0	14:39:19		49.0	49.0
49.6	14:39:20		49.6	49.6
49.0	14:39:21		49.0	49.0
47.6	14:39:22		47.6	47.6
47.0	14:39:23		47.0	47.0
47.0	14:39:24		47.0	47.0
47.0	14:39:25		47.0	47.0
47.4	14:39:26		47.4	47.4
48.2	14:39:27		48.2	48.2
47.3	14:39:28		47.3	47.3
46.1	14:39:29		46.1	46.1
45.4	14:39:30		45.4	45.4
45.0	14:39:31		45.0	45.0
44.7	14:39:32		44.7	44.7
44.8	14:39:33		44.8	44.8
45.2	14:39:34		45.2	45.2
45.3	14:39:35		45.3	45.3

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
60.8	14:22:13		60.8	60.8
62.2	14:22:14		62.2	62.2
63.0	14:22:15		63.0	63.0
62.3	14:22:16		62.3	62.3
60.8	14:22:17		60.8	60.8
58.3	14:22:18		58.3	58.3
56.2	14:22:19		56.2	56.2
54.9	14:22:20		54.9	54.9
54.4	14:22:21		54.4	54.4
54.1	14:22:22		54.1	54.1
54.0	14:22:23		54.0	54.0
54.1	14:22:24		54.1	54.1
54.0	14:22:25		54.0	54.0
53.9	14:22:26		53.9	53.9
53.7	14:22:27		53.7	53.7
53.5	14:22:28		53.5	53.5
53.7	14:22:29		53.7	53.7
53.9	14:22:30		53.9	53.9
53.5	14:22:31		53.5	53.5
53.2	14:22:32		53.2	53.2
54.0	14:22:33		54.0	54.0
54.0	14:22:34		54.0	54.0
53.9	14:22:35		53.9	53.9
54.3	14:22:36		54.3	54.3
54.1	14:22:37		54.1	54.1
53.9	14:22:38		53.9	53.9
56.0	14:22:39		56.0	56.0
56.7	14:22:40		56.7	56.7
55.7	14:22:41		55.7	55.7
55.8	14:22:42		55.8	55.8
55.8	14:22:43		55.8	55.8
55.8	14:22:44		55.8	55.8
55.8	14:22:45		55.8	55.8
56.4	14:22:46		56.4	56.4
57.1	14:22:47		57.1	57.1
57.9	14:22:48		57.9	57.9
58.6	14:22:49		58.6	58.6
58.5	14:22:50		58.5	58.5
57.8	14:22:51		57.8	57.8
57.4	14:22:52		57.4	57.4
56.7	14:22:53		56.7	56.7
56.0	14:22:54		56.0	56.0
55.3	14:22:55		55.3	55.3
54.7	14:22:56		54.7	54.7
54.2	14:22:57		54.2	54.2
53.5	14:22:58		53.5	53.5
53.2	14:22:59		53.2	53.2
53.4	14:23:00		53.4	53.4
53.3	14:23:01		53.3	53.3
53.1	14:23:02		53.1	53.1
53.0	14:23:03		53.0	53.0
52.9	14:23:04		52.9	52.9
52.9	14:23:05		52.9	52.9
53.0	14:23:06		53.0	53.0
53.1	14:23:07		53.1	53.1
53.0	14:23:08		53.0	53.0
53.1	14:23:09		53.1	53.1
53.1	14:23:10		53.1	53.1
53.4	14:23:11		53.4	53.4
53.4	14:23:12		53.4	53.4
53.3	14:23:13		53.3	53.3
53.3	14:23:14		53.3	53.3
53.7	14:23:15		53.7	53.7
54.5	14:23:16		54.5	54.5
54.7	14:23:17		54.7	54.7
54.3	14:23:18		54.3	54.3
54.2	14:23:19		54.2	54.2
54.1	14:23:20		54.1	54.1
54.1	14:23:21		54.1	54.1
54.5	14:23:22		54.5	54.5
55.4	14:23:23		55.4	55.4
56.8	14:23:24		56.8	56.8
55.1	14:23:25		55.1	55.1
54.4	14:23:26		54.4	54.4
54.2	14:23:27		54.2	54.2
54.9	14:23:28		54.9	54.9
55.2	14:23:29		55.2	55.2
55.1	14:23:30		55.1	55.1
54.7	14:23:31		54.7	54.7
54.4	14:23:32		54.4	54.4
54.4	14:23:33		54.4	54.4
55.5	14:23:34		55.5	55.5
57.3	14:23:35		57.3	57.3
58.7	14:23:36		58.7	58.7
59.3	14:23:37		59.3	59.3
58.5	14:23:38		58.5	58.5
57.2	14:23:39		57.2	57.2
56.0	14:23:40		56.0	56.0
55.0	14:23:41		55.0	55.0
54.5	14:23:42		54.5	54.5
54.2	14:23:43		54.2	54.2
54.2	14:23:44		54.2	54.2
54.4	14:23:45		54.4	54.4
55.2	14:23:46		55.2	55.2
55.6	14:23:47		55.6	55.6
56.4	14:23:48		56.4	56.4
57.0	14:23:49		57.0	57.0
57.5	14:23:50		57.5	57.5
57.2	14:23:51		57.2	57.2
57.5	14:23:52		57.5	57.5
57.5	14:23:53		57.5	57.5
56.7	14:23:54		56.7	56.7
56.7	14:23:55		56.7	56.7
55.8	14:23:56		55.8	55.8
56.2	14:23:57		56.2	56.2
56.5	14:23:58		56.5	56.5
56.2	14:23:59		56.2	56.2
56.3	14:24:00		56.3	56.3
56.6	14:24:01		56.6	56.6
56.9	14:24:02		56.9	56.9
56.6	14:24:03		56.6	56.6
56.4	14:24:04		56.4	56.4
55.9	14:24:05		55.9	55.9
55.6	14:24:06		55.6	55.6
56.8	14:24:07		56.8	56.8
57.9	14:24:08		57.9	57.9
57.4	14:24:09		57.4	57.4
55.9	14:24:10		55.9	55.9
55.6	14:24:11		55.6	55.6
54.5	14:24:12		54.5	54.5
53.8	14:24:13		53.8	53.8
53.3	14:24:14		53.3	53.3
53.4	14:24:15		53.4	53.4
54.0	14:24:16		54.0	54.0
54.1	14:24:17		54.1	54.1
54.0	14:24:18		54.0	54.0
53.8	14:24:19		53.8	53.8
53.9	14:24:20		53.9	53.9
54.1	14:24:21		54.1	54.1
55.0	14:24:22		55.0	55.0
55.1	14:24:23		55.1	55.1
54.8	14:24:24		54.8	54.8
55.1	14:24:25		55.1	55.1
56.4	14:24:26		56.4	56.4
57.0	14:24:27		57.0	57.0
57.5	14:24:28		57.5	57.5
57.0	14:24:29		57.0	57.0
56.8	14:24:30		56.8	56.8
56.5	14:24:31		56.5	56.5
56.2	14:24:32		56.2	56.2
55.9	14:24:33		55.9	55.9
56.5	14:24:34		56.5	56.5
57.6	14:24:35		57.6	57.6
57.7	14:24:36		57.7	57.7
57.3	14:24:37		57.3	57.3
56.8	14:24:38		56.8	56.8
56.7	14:24:39		56.7	56.7
57.4	14:24:40		57.4	57.4
57.0	14:24:41		57.0	57.0
57.3	14:24:42		57.3	57.3
57.9	14:24:43		57.9	57.9
56.8	14:24:44		56.8	56.8
55.5	14:24:45		55.5	55.5
54.5	14:24:46		54.5	54.5
54.0	14:24:47		54.0	54.0
53.6	14:24:48		53.6	53.6
54.9	14:24:49		54.9	54.9
55.7	14:24:50		55.7	55.7
55.8	14:24:51		55.8	55.8
56.7	14:24:52		56.7	56.7
56.4	14:24:53		56.4	56.4
56.1	14:24:54		56.1	56.1

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.3	14:04:50		44.3	44.3
44.5	14:04:51		44.5	44.5
44.7	14:04:52		44.7	44.7
45.0	14:04:53		45.0	45.0
45.9	14:04:54		45.9	45.9
47.4	14:04:55		47.4	47.4
47.5	14:04:56		47.5	47.5
46.6	14:04:57		46.6	46.6
45.9	14:04:58		45.9	45.9
45.6	14:04:59		45.6	45.6
45.8	14:05:00		45.8	45.8
47.0	14:05:01		47.0	47.0
48.0	14:05:02		48.0	48.0
49.6	14:05:03		49.6	49.6
52.0	14:05:04		52.0	52.0
55.3	14:05:05		55.3	55.3
57.1	14:05:06		57.1	57.1
56.5	14:05:07		56.5	56.5
56.6	14:05:08		56.6	56.6
54.9	14:05:09		54.9	54.9
52.5	14:05:10		52.5	52.5
50.5	14:05:11		50.5	50.5
48.9	14:05:12		48.9	48.9
47.5	14:05:13		47.5	47.5
46.7	14:05:14		46.7	46.7
48.4	14:05:15		48.4	48.4
47.9	14:05:16		47.9	47.9
47.9	14:05:17		47.9	47.9
47.2	14:05:18		47.2	47.2
45.9	14:05:19		45.9	45.9
45.5	14:05:20		45.5	45.5
45.6	14:05:21		45.6	45.6
46.0	14:05:22		46.0	46.0
47.1	14:05:23		47.1	47.1
49.0	14:05:24		49.0	49.0
50.4	14:05:25		50.4	50.4
53.4	14:05:26		53.4	53.4
57.9	14:05:27		57.9	57.9
60.1	14:05:28		60.1	60.1
59.3	14:05:29		59.3	59.3
58.0	14:05:30		58.0	58.0
55.4	14:05:31		55.4	55.4
52.8	14:05:32		52.8	52.8
50.5	14:05:33		50.5	50.5
49.0	14:05:34		49.0	49.0
48.4	14:05:35		48.4	48.4
48.7	14:05:36		48.7	48.7
48.9	14:05:37		48.9	48.9
49.3	14:05:38		49.3	49.3
50.1	14:05:39		50.1	50.1
50.6	14:05:40		50.6	50.6
49.5	14:05:41		49.5	49.5
48.4	14:05:42		48.4	48.4
47.2	14:05:43		47.2	47.2
46.2	14:05:44		46.2	46.2
47.3	14:05:45		47.3	47.3
46.3	14:05:46		46.3	46.3
46.2	14:05:47		46.2	46.2
45.8	14:05:48		45.8	45.8
44.6	14:05:49		44.6	44.6
44.0	14:05:50		44.0	44.0
43.6	14:05:51		43.6	43.6
43.6	14:05:52		43.6	43.6
43.8	14:05:53		43.8	43.8
44.1	14:05:54		44.1	44.1
44.2	14:05:55		44.2	44.2
44.1	14:05:56		44.1	44.1
44.0	14:05:57		44.0	44.0
44.0	14:05:58		44.0	44.0
44.1	14:05:59		44.1	44.1
44.1	14:06:00		44.1	44.1
44.4	14:06:01		44.4	44.4
44.9	14:06:02		44.9	44.9
45.7	14:06:03		45.7	45.7
46.1	14:06:04		46.1	46.1
46.2	14:06:05		46.2	46.2
46.4	14:06:06		46.4	46.4
46.7	14:06:07		46.7	46.7
47.0	14:06:08		47.0	47.0
47.1	14:06:09		47.1	47.1
46.5	14:06:10		46.5	46.5
46.1	14:06:11		46.1	46.1
46.0	14:06:12		46.0	46.0
45.6	14:06:13		45.6	45.6
45.5	14:06:14		45.5	45.5
47.2	14:06:15		47.2	47.2
45.8	14:06:16		45.8	45.8
45.6	14:06:17		45.6	45.6
45.5	14:06:18		45.5	45.5
44.6	14:06:19		44.6	44.6
44.4	14:06:20		44.4	44.4
44.2	14:06:21		44.2	44.2
44.1	14:06:22		44.1	44.1
44.1	14:06:23		44.1	44.1
44.0	14:06:24		44.0	44.0
43.9	14:06:25		43.9	43.9
43.7	14:06:26		43.7	43.7
43.9	14:06:27		43.9	43.9
44.3	14:06:28		44.3	44.3
44.4	14:06:29		44.4	44.4
44.3	14:06:30		44.3	44.3
44.2	14:06:31		44.2	44.2
44.0	14:06:32		44.0	44.0
43.8	14:06:33		43.8	43.8
43.7	14:06:34		43.7	43.7
43.9	14:06:35		43.9	43.9
44.3	14:06:36		44.3	44.3
44.7	14:06:37		44.7	44.7
45.2	14:06:38		45.2	45.2
45.8	14:06:39		45.8	45.8
46.0	14:06:40		46.0	46.0
45.8	14:06:41		45.8	45.8
46.4	14:06:42		46.4	46.4
46.5	14:06:43		46.5	46.5
47.0	14:06:44		47.0	47.0
48.3	14:06:45		48.3	48.3
47.1	14:06:46		47.1	47.1
47.9	14:06:47		47.9	47.9
48.2	14:06:48		48.2	48.2
48.1	14:06:49		48.1	48.1
48.6	14:06:50		48.6	48.6
48.6	14:06:51		48.6	48.6
48.3	14:06:52		48.3	48.3
48.1	14:06:53		48.1	48.1
47.4	14:06:54		47.4	47.4
47.0	14:06:55		47.0	47.0
47.4	14:06:56		47.4	47.4
47.8	14:06:57		47.8	47.8
47.5	14:06:58		47.5	47.5
47.2	14:06:59		47.2	47.2
46.9	14:07:00		46.9	46.9
46.5	14:07:01		46.5	46.5
47.6	14:07:02		47.6	47.6
47.8	14:07:03		47.8	47.8
48.2	14:07:04		48.2	48.2
47.8	14:07:05		47.8	47.8
48.2	14:07:06		48.2	48.2
48.0	14:07:07		48.0	48.0
48.6	14:07:08		48.6	48.6
48.6	14:07:09		48.6	48.6
48.7	14:07:10		48.7	48.7
49.8	14:07:11		49.8	49.8
54.1	14:07:12		54.1	54.1
59.2	14:07:13		59.2	59.2
62.1	14:07:14		62.1	62.1
63.6	14:07:15		63.6	63.6
60.7	14:07:16		60.7	60.7
57.2	14:07:17		57.2	57.2
53.8	14:07:18		53.8	53.8
50.7	14:07:19		50.7	50.7
48.1	14:07:20		48.1	48.1
46.2	14:07:21		46.2	46.2
45.0	14:07:22		45.0	45.0
44.4	14:07:23		44.4	44.4
44.4	14:07:24		44.4	44.4
44.5	14:07:25		44.5	44.5
44.7	14:07:26		44.7	44.7
44.6	14:07:27		44.6	44.6
44.5	14:07:28		44.5	44.5
45.1	14:07:29		45.1	45.1
45.6	14:07:30		45.6	45.6
45.4	14:07:31		45.4	45.4

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.8	14:39:36		44.8	44.8
44.8	14:39:37		44.8	44.8
45.7	14:39:38		45.7	45.7
47.2	14:39:39		47.2	47.2
47.9	14:39:40		47.9	47.9
47.9	14:39:41		47.9	47.9
47.0	14:39:42		47.0	47.0
45.7	14:39:43		45.7	45.7
45.0	14:39:44		45.0	45.0
44.6	14:39:45		44.6	44.6
44.3	14:39:46		44.3	44.3
44.4	14:39:47		44.4	44.4
44.9	14:39:48		44.9	44.9
45.2	14:39:49		45.2	45.2
45.2	14:39:50		45.2	45.2
44.9	14:39:51		44.9	44.9
45.1	14:39:52		45.1	45.1
45.6	14:39:53		45.6	45.6
46.0	14:39:54		46.0	46.0
46.1	14:39:55		46.1	46.1
45.1	14:39:56		45.1	45.1
44.5	14:39:57		44.5	44.5
44.1	14:39:58		44.1	44.1
44.0	14:39:59		44.0	44.0
44.4	14:40:00		44.4	44.4
44.7	14:40:01		44.7	44.7
45.2	14:40:02		45.2	45.2
46.0	14:40:03		46.0	46.0
46.1	14:40:04		46.1	46.1
46.6	14:40:05		46.6	46.6
47.6	14:40:06		47.6	47.6
48.1	14:40:07		48.1	48.1
48.3	14:40:08		48.3	48.3
48.9	14:40:09		48.9	48.9
49.9	14:40:10		49.9	49.9
51.2	14:40:11		51.2	51.2
51.9	14:40:12		51.9	51.9
52.8	14:40:13		52.8	52.8
53.4	14:40:14		53.4	53.4
51.8	14:40:15		51.8	51.8
52.0	14:40:16		52.0	52.0
51.1	14:40:17		51.1	51.1
49.9	14:40:18		49.9	49.9
49.6	14:40:19		49.6	49.6
49.5	14:40:20		49.5	49.5
48.8	14:40:21		48.8	48.8
48.4	14:40:22		48.4	48.4
48.2	14:40:23		48.2	48.2
48.5	14:40:24		48.5	48.5
49.0	14:40:25		49.0	49.0
50.3	14:40:26		50.3	50.3
50.9	14:40:27		50.9	50.9
54.0	14:40:28		54.0	54.0
54.6	14:40:29		54.6	54.6
53.1	14:40:30		53.1	53.1
51.3	14:40:31		51.3	51.3
49.3	14:40:32		49.3	49.3
48.4	14:40:33		48.4	48.4
48.1	14:40:34		48.1	48.1
47.6	14:40:35		47.6	47.6
47.5	14:40:36		47.5	47.5
47.1	14:40:37		47.1	47.1
47.7	14:40:38		47.7	47.7
49.4	14:40:39		49.4	49.4
51.0	14:40:40		51.0	51.0
50.7	14:40:41		50.7	50.7
50.5	14:40:42		50.5	50.5
49.9	14:40:43		49.9	49.9
49.3	14:40:44		49.3	49.3
48.6	14:40:45		48.6	48.6
48.0	14:40:46		48.0	48.0
48.0	14:40:47		48.0	48.0
47.9	14:40:48		47.9	47.9
48.5	14:40:49		48.5	48.5
49.1	14:40:50		49.1	49.1
49.5	14:40:51		49.5	49.5
49.6	14:40:52		49.6	49.6
50.3	14:40:53		50.3	50.3
51.6	14:40:54		51.6	51.6
51.7	14:40:55		51.7	51.7
52.2	14:40:56		52.2	52.2
50.6	14:40:57		50.6	50.6
49.3	14:40:58		49.3	49.3
48.5	14:40:59		48.5	48.5
48.0	14:41:00		48.0	48.0
47.7	14:41:01		47.7	47.7
47.4	14:41:02		47.4	47.4
47.2	14:41:03		47.2	47.2
47.3	14:41:04		47.3	47.3
47.7	14:41:05		47.7	47.7
49.4	14:41:06		49.4	49.4
48.6	14:41:07		48.6	48.6
48.3	14:41:08		48.3	48.3
49.1	14:41:09		49.1	49.1
49.8	14:41:10		49.8	49.8
49.6	14:41:11		49.6	49.6
49.0	14:41:12		49.0	49.0
48.4	14:41:13		48.4	48.4
47.6	14:41:14		47.6	47.6
47.6	14:41:15		47.6	47.6
49.9	14:41:16		49.9	49.9
47.8	14:41:17		47.8	47.8
46.3	14:41:18		46.3	46.3
45.7	14:41:19		45.7	45.7
45.7	14:41:20		45.7	45.7
45.7	14:41:21		45.7	45.7
45.4	14:41:22		45.4	45.4
44.9	14:41:23		44.9	44.9
44.6	14:41:24		44.6	44.6
44.0	14:41:25		44.0	44.0
43.7	14:41:26		43.7	43.7
43.5	14:41:27		43.5	43.5
44.4	14:41:28		44.4	44.4
44.3	14:41:29		44.3	44.3
43.9	14:41:30		43.9	43.9
43.5	14:41:31		43.5	43.5
43.4	14:41:32		43.4	43.4
43.5	14:41:33		43.5	43.5
43.9	14:41:34		43.9	43.9
44.9	14:41:35		44.9	44.9
45.1	14:41:36		45.1	45.1
45.8	14:41:37		45.8	45.8
46.0	14:41:38		46.0	46.0
46.3	14:41:39		46.3	46.3
45.5	14:41:40		45.5	45.5
45.4	14:41:41		45.4	45.4
45.1	14:41:42		45.1	45.1
44.8	14:41:43		44.8	44.8
45.4	14:41:44		45.4	45.4
45.2	14:41:45		45.2	45.2
45.0	14:41:46		45.0	45.0
44.7	14:41:47		44.7	44.7
44.5	14:41:48		44.5	44.5
44.6	14:41:49		44.6	44.6
44.3	14:41:50		44.3	44.3
45.0	14:41:51		45.0	45.0
44.7	14:41:52		44.7	44.7
44.5	14:41:53		44.5	44.5
44.2	14:41:54		44.2	44.2
44.3	14:41:55		44.3	44.3
44.3	14:41:56		44.3	44.3
44.3	14:41:57		44.3	44.3
44.2	14:41:58		44.2	44.2
44.3	14:41:59		44.3	44.3
44.7	14:42:00		44.7	44.7
44.8	14:42:01		44.8	44.8
44.8	14:42:02		44.8	44.8
45.1	14:42:03		45.1	45.1
44.9	14:42:04		44.9	44.9
44.8	14:42:05		44.8	44.8
44.9	14:42:06		44.9	44.9
44.8	14:42:07		44.8	44.8
44.8	14:42:08		44.8	44.8
45.1	14:42:09		45.1	45.1
45.0	14:42:10		45.0	45.0
44.7	14:42:11		44.7	44.7
44.7	14:42:12		44.7	44.7
44.9	14:42:13		44.9	44.9
44.9	14:42:14		44.9	44.9
44.7	14:42:15		44.7	44.7
44.9	14:42:16		44.9	44.9
44.9	14:42:17		44.9	44.9

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
56.3	14:24:55		56.3	56.3
56.5	14:24:56		56.5	56.5
55.8	14:24:57		55.8	55.8
55.7	14:24:58		55.7	55.7
56.7	14:24:59		56.7	56.7
57.2	14:25:00		57.2	57.2
58.8	14:25:01		58.8	58.8
59.1	14:25:02		59.1	59.1
58.9	14:25:03		58.9	58.9
58.8	14:25:04		58.8	58.8
59.1	14:25:05		59.1	59.1
59.2	14:25:06		59.2	59.2
59.1	14:25:07		59.1	59.1
59.0	14:25:08		59.0	59.0
57.7	14:25:09		57.7	57.7
56.5	14:25:10		56.5	56.5
57.1	14:25:11		57.1	57.1
57.3	14:25:12		57.3	57.3
56.6	14:25:13		56.6	56.6
56.4	14:25:14		56.4	56.4
56.2	14:25:15		56.2	56.2
56.7	14:25:16		56.7	56.7
57.4	14:25:17		57.4	57.4
57.3	14:25:18		57.3	57.3
57.1	14:25:19		57.1	57.1
57.4	14:25:20		57.4	57.4
57.0	14:25:21		57.0	57.0
57.1	14:25:22		57.1	57.1
57.7	14:25:23		57.7	57.7
58.7	14:25:24		58.7	58.7
59.3	14:25:25		59.3	59.3
59.1	14:25:26		59.1	59.1
58.4	14:25:27		58.4	58.4
58.9	14:25:28		58.9	58.9
59.5	14:25:29		59.5	59.5
59.5	14:25:30		59.5	59.5
58.2	14:25:31		58.2	58.2
57.5	14:25:32		57.5	57.5
59.2	14:25:33		59.2	59.2
60.4	14:25:34		60.4	60.4
60.1	14:25:35		60.1	60.1
60.0	14:25:36		60.0	60.0
60.2	14:25:37		60.2	60.2
59.6	14:25:38		59.6	59.6
60.5	14:25:39		60.5	60.5
61.5	14:25:40		61.5	61.5
61.7	14:25:41		61.7	61.7
61.1	14:25:42		61.1	61.1
60.3	14:25:43		60.3	60.3
60.0	14:25:44		60.0	60.0
59.3	14:25:45		59.3	59.3
58.5	14:25:46		58.5	58.5
57.4	14:25:47		57.4	57.4
56.6	14:25:48		56.6	56.6
57.5	14:25:49		57.5	57.5
58.1	14:25:50		58.1	58.1
57.8	14:25:51		57.8	57.8
57.1	14:25:52		57.1	57.1
57.0	14:25:53		57.0	57.0
57.0	14:25:54		57.0	57.0
56.3	14:25:55		56.3	56.3
56.9	14:25:56		56.9	56.9
58.0	14:25:57		58.0	58.0
58.0	14:25:58		58.0	58.0
57.7	14:25:59		57.7	57.7
58.3	14:26:00		58.3	58.3
58.4	14:26:01		58.4	58.4
58.7	14:26:02		58.7	58.7
58.2	14:26:03		58.2	58.2
57.9	14:26:04		57.9	57.9
57.7	14:26:05		57.7	57.7
57.8	14:26:06		57.8	57.8
58.2	14:26:07		58.2	58.2
57.1	14:26:08		57.1	57.1
55.1	14:26:09		55.1	55.1
55.0	14:26:10		55.0	55.0
57.2	14:26:11		57.2	57.2
57.7	14:26:12		57.7	57.7
59.6	14:26:13		59.6	59.6
59.1	14:26:14		59.1	59.1
57.8	14:26:15		57.8	57.8
57.7	14:26:16		57.7	57.7
57.7	14:26:17		57.7	57.7
57.2	14:26:18		57.2	57.2
56.7	14:26:19		56.7	56.7
56.6	14:26:20		56.6	56.6
57.2	14:26:21		57.2	57.2
57.8	14:26:22		57.8	57.8
58.4	14:26:23		58.4	58.4
57.4	14:26:24		57.4	57.4
56.8	14:26:25		56.8	56.8
56.4	14:26:26		56.4	56.4
55.3	14:26:27		55.3	55.3
54.5	14:26:28		54.5	54.5
55.3	14:26:29		55.3	55.3
55.2	14:26:30		55.2	55.2
55.3	14:26:31		55.3	55.3
55.1	14:26:32		55.1	55.1
55.5	14:26:33		55.5	55.5
56.4	14:26:34		56.4	56.4
56.7	14:26:35		56.7	56.7
56.8	14:26:36		56.8	56.8
56.5	14:26:37		56.5	56.5
56.6	14:26:38		56.6	56.6
56.8	14:26:39		56.8	56.8
56.7	14:26:40		56.7	56.7
57.6	14:26:41		57.6	57.6
57.0	14:26:42		57.0	57.0
56.4	14:26:43		56.4	56.4
56.1	14:26:44		56.1	56.1
56.2	14:26:45		56.2	56.2
56.4	14:26:46		56.4	56.4
56.9	14:26:47		56.9	56.9
56.5	14:26:48		56.5	56.5
56.1	14:26:49		56.1	56.1
55.8	14:26:50		55.8	55.8
55.9	14:26:51		55.9	55.9
55.8	14:26:52		55.8	55.8
55.8	14:26:53		55.8	55.8
56.2	14:26:54		56.2	56.2
56.8	14:26:55		56.8	56.8
57.4	14:26:56		57.4	57.4
57.3	14:26:57		57.3	57.3
57.4	14:26:58		57.4	57.4
58.0	14:26:59		58.0	58.0
57.8	14:27:00		57.8	57.8
57.5	14:27:01		57.5	57.5
57.4	14:27:02		57.4	57.4
57.3	14:27:03		57.3	57.3
57.5	14:27:04		57.5	57.5
58.4	14:27:05		58.4	58.4
59.5	14:27:06		59.5	59.5
60.2	14:27:07		60.2	60.2
60.1	14:27:08		60.1	60.1
59.5	14:27:09		59.5	59.5
58.5	14:27:10		58.5	58.5
57.0	14:27:11		57.0	57.0
56.3	14:27:12		56.3	56.3
56.7	14:27:13		56.7	56.7
56.8	14:27:14		56.8	56.8
56.6	14:27:15		56.6	56.6
57.4	14:27:16		57.4	57.4
57.6	14:27:17		57.6	57.6
57.6	14:27:18		57.6	57.6
57.3	14:27:19		57.3	57.3
57.0	14:27:20		57.0	57.0
57.5	14:27:21		57.5	57.5
57.5	14:27:22		57.5	57.5
57.7	14:27:23		57.7	57.7
56.7	14:27:24		56.7	56.7
55.6	14:27:25		55.6	55.6
55.0	14:27:26		55.0	55.0
54.9	14:27:27		54.9	54.9
55.4	14:27:28		55.4	55.4
55.6	14:27:29		55.6	55.6
55.3	14:27:30		55.3	55.3
55.4	14:27:31		55.4	55.4
56.3	14:27:32		56.3	56.3
56.1	14:27:33		56.1	56.1
56.5	14:27:34		56.5	56.5
55.4	14:27:35		55.4	55.4
54.9	14:27:36		54.9	54.9

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.3	14:07:32		45.3	45.3
45.2	14:07:33		45.2	45.2
45.2	14:07:34		45.2	45.2
45.3	14:07:35		45.3	45.3
45.4	14:07:36		45.4	45.4
45.3	14:07:37		45.3	45.3
45.0	14:07:38		45.0	45.0
45.1	14:07:39		45.1	45.1
45.5	14:07:40		45.5	45.5
45.9	14:07:41		45.9	45.9
45.9	14:07:42		45.9	45.9
45.7	14:07:43		45.7	45.7
46.3	14:07:44		46.3	46.3
47.6	14:07:45		47.6	47.6
47.0	14:07:46		47.0	47.0
47.2	14:07:47		47.2	47.2
47.3	14:07:48		47.3	47.3
46.5	14:07:49		46.5	46.5
46.1	14:07:50		46.1	46.1
45.7	14:07:51		45.7	45.7
45.5	14:07:52		45.5	45.5
46.2	14:07:53		46.2	46.2
47.2	14:07:54		47.2	47.2
47.7	14:07:55		47.7	47.7
47.9	14:07:56		47.9	47.9
47.4	14:07:57		47.4	47.4
48.0	14:07:58		48.0	48.0
48.6	14:07:59		48.6	48.6
48.2	14:08:00		48.2	48.2
48.0	14:08:01		48.0	48.0
48.2	14:08:02		48.2	48.2
47.8	14:08:03		47.8	47.8
47.4	14:08:04		47.4	47.4
47.3	14:08:05		47.3	47.3
47.9	14:08:06		47.9	47.9
47.5	14:08:07		47.5	47.5
46.8	14:08:08		46.8	46.8
46.1	14:08:09		46.1	46.1
45.3	14:08:10		45.3	45.3
45.2	14:08:11		45.2	45.2
46.3	14:08:12		46.3	46.3
45.9	14:08:13		45.9	45.9
45.6	14:08:14		45.6	45.6
47.6	14:08:15		47.6	47.6
47.9	14:08:16		47.9	47.9
47.9	14:08:17		47.9	47.9
47.4	14:08:18		47.4	47.4
46.5	14:08:19		46.5	46.5
45.9	14:08:20		45.9	45.9
45.8	14:08:21		45.8	45.8
46.4	14:08:22		46.4	46.4
46.2	14:08:23		46.2	46.2
46.0	14:08:24		46.0	46.0
45.9	14:08:25		45.9	45.9
46.0	14:08:26		46.0	46.0
45.8	14:08:27		45.8	45.8
45.6	14:08:28		45.6	45.6
45.6	14:08:29		45.6	45.6
45.8	14:08:30		45.8	45.8
45.8	14:08:31		45.8	45.8
45.2	14:08:32		45.2	45.2
44.9	14:08:33		44.9	44.9
44.9	14:08:34		44.9	44.9
44.7	14:08:35		44.7	44.7
44.6	14:08:36		44.6	44.6
44.4	14:08:37		44.4	44.4
44.1	14:08:38		44.1	44.1
44.2	14:08:39		44.2	44.2
44.4	14:08:40		44.4	44.4
44.5	14:08:41		44.5	44.5
44.8	14:08:42		44.8	44.8
44.7	14:08:43		44.7	44.7
44.8	14:08:44		44.8	44.8
47.2	14:08:45		47.2	47.2
45.9	14:08:46		45.9	45.9
45.6	14:08:47		45.6	45.6
45.7	14:08:48		45.7	45.7
44.8	14:08:49		44.8	44.8
44.4	14:08:50		44.4	44.4
44.0	14:08:51		44.0	44.0
44.0	14:08:52		44.0	44.0
44.1	14:08:53		44.1	44.1
44.1	14:08:54		44.1	44.1
43.9	14:08:55		43.9	43.9
43.9	14:08:56		43.9	43.9
44.2	14:08:57		44.2	44.2
44.8	14:08:58		44.8	44.8
45.5	14:08:59		45.5	45.5
45.7	14:09:00		45.7	45.7
45.8	14:09:01		45.8	45.8
47.3	14:09:02		47.3	47.3
48.4	14:09:03		48.4	48.4
49.1	14:09:04		49.1	49.1
51.1	14:09:05		51.1	51.1
55.8	14:09:06		55.8	55.8
61.4	14:09:07		61.4	61.4
63.8	14:09:08		63.8	63.8
64.0	14:09:09		64.0	64.0
60.9	14:09:10		60.9	60.9
57.4	14:09:11		57.4	57.4
53.9	14:09:12		53.9	53.9
50.6	14:09:13		50.6	50.6
47.9	14:09:14		47.9	47.9
48.1	14:09:15		48.1	48.1
46.7	14:09:16		46.7	46.7
46.6	14:09:17		46.6	46.6
46.6	14:09:18		46.6	46.6
46.0	14:09:19		46.0	46.0
46.5	14:09:20		46.5	46.5
46.8	14:09:21		46.8	46.8
46.5	14:09:22		46.5	46.5
46.7	14:09:23		46.7	46.7
47.2	14:09:24		47.2	47.2
47.2	14:09:25		47.2	47.2
46.5	14:09:26		46.5	46.5
45.6	14:09:27		45.6	45.6
45.2	14:09:28		45.2	45.2
45.5	14:09:29		45.5	45.5
45.3	14:09:30		45.3	45.3
45.1	14:09:31		45.1	45.1
45.8	14:09:32		45.8	45.8
46.2	14:09:33		46.2	46.2
45.6	14:09:34		45.6	45.6
45.2	14:09:35		45.2	45.2
45.3	14:09:36		45.3	45.3
45.5	14:09:37		45.5	45.5
45.9	14:09:38		45.9	45.9
46.1	14:09:39		46.1	46.1
46.4	14:09:40		46.4	46.4
46.8	14:09:41		46.8	46.8
47.1	14:09:42		47.1	47.1
47.1	14:09:43		47.1	47.1
47.3	14:09:44		47.3	47.3
48.4	14:09:45		48.4	48.4
49.7	14:09:46		49.7	49.7
50.7	14:09:47		50.7	50.7
51.1	14:09:48		51.1	51.1
50.2	14:09:49		50.2	50.2
49.5	14:09:50		49.5	49.5
49.0	14:09:51		49.0	49.0
48.4	14:09:52		48.4	48.4
47.5	14:09:53		47.5	47.5
47.1	14:09:54		47.1	47.1
46.7	14:09:55		46.7	46.7
46.5	14:09:56		46.5	46.5
46.5	14:09:57		46.5	46.5
45.9	14:09:58		45.9	45.9
45.6	14:09:59		45.6	45.6
45.5	14:10:00		45.5	45.5
45.3	14:10:01		45.3	45.3
45.1	14:10:02		45.1	45.1
45.0	14:10:03		45.0	45.0
44.9	14:10:04		44.9	44.9
45.1	14:10:05		45.1	45.1
44.8	14:10:06		44.8	44.8
44.6	14:10:07		44.6	44.6
44.4	14:10:08		44.4	44.4
44.2	14:10:09		44.2	44.2
44.2	14:10:10		44.2	44.2
44.0	14:10:11		44.0	44.0
44.2	14:10:12		44.2	44.2
44.0	14:10:13		44.0	44.0

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.2	14:42:18		45.2	45.2
45.7	14:42:19		45.7	45.7
46.5	14:42:20		46.5	46.5
45.8	14:42:21		45.8	45.8
45.3	14:42:22		45.3	45.3
45.1	14:42:23		45.1	45.1
45.4	14:42:24		45.4	45.4
46.7	14:42:25		46.7	46.7
47.4	14:42:26		47.4	47.4
46.8	14:42:27		46.8	46.8
46.3	14:42:28		46.3	46.3
46.3	14:42:29		46.3	46.3
46.4	14:42:30		46.4	46.4
46.5	14:42:31		46.5	46.5
47.0	14:42:32		47.0	47.0
47.1	14:42:33		47.1	47.1
46.9	14:42:34		46.9	46.9
49.5	14:42:35		49.5	49.5
51.1	14:42:36		51.1	51.1
51.6	14:42:37		51.6	51.6
52.6	14:42:38		52.6	52.6
52.7	14:42:39		52.7	52.7
52.6	14:42:40		52.6	52.6
52.1	14:42:41		52.1	52.1
50.0	14:42:42		50.0	50.0
48.8	14:42:43		48.8	48.8
49.6	14:42:44		49.6	49.6
50.1	14:42:45		50.1	50.1
48.7	14:42:46		48.7	48.7
47.6	14:42:47		47.6	47.6
47.0	14:42:48		47.0	47.0
46.5	14:42:49		46.5	46.5
46.1	14:42:50		46.1	46.1
45.3	14:42:51		45.3	45.3
45.2	14:42:52		45.2	45.2
44.6	14:42:53		44.6	44.6
44.0	14:42:54		44.0	44.0
43.9	14:42:55		43.9	43.9
44.1	14:42:56		44.1	44.1
44.1	14:42:57		44.1	44.1
44.3	14:42:58		44.3	44.3
44.5	14:42:59		44.5	44.5
44.5	14:43:00		44.5	44.5
44.8	14:43:01		44.8	44.8
45.1	14:43:02		45.1	45.1
45.2	14:43:03		45.2	45.2
45.3	14:43:04		45.3	45.3
45.8	14:43:05		45.8	45.8
46.2	14:43:06		46.2	46.2
46.5	14:43:07		46.5	46.5
46.3	14:43:08		46.3	46.3
45.9	14:43:09		45.9	45.9
45.9	14:43:10		45.9	45.9
46.5	14:43:11		46.5	46.5
47.2	14:43:12		47.2	47.2
47.6	14:43:13		47.6	47.6
47.1	14:43:14		47.1	47.1
47.7	14:43:15		47.7	47.7
47.9	14:43:16		47.9	47.9
46.6	14:43:17		46.6	46.6
45.4	14:43:18		45.4	45.4
44.8	14:43:19		44.8	44.8
44.3	14:43:20		44.3	44.3
44.1	14:43:21		44.1	44.1
44.1	14:43:22		44.1	44.1
44.3	14:43:23		44.3	44.3
44.3	14:43:24		44.3	44.3
44.2	14:43:25		44.2	44.2
44.0	14:43:26		44.0	44.0
44.3	14:43:27		44.3	44.3
45.1	14:43:28		45.1	45.1
45.5	14:43:29		45.5	45.5
45.6	14:43:30		45.6	45.6
46.5	14:43:31		46.5	46.5
46.1	14:43:32		46.1	46.1
45.0	14:43:33		45.0	45.0
44.8	14:43:34		44.8	44.8
44.5	14:43:35		44.5	44.5
44.3	14:43:36		44.3	44.3
44.5	14:43:37		44.5	44.5
45.4	14:43:38		45.4	45.4
45.4	14:43:39		45.4	45.4
45.3	14:43:40		45.3	45.3
45.9	14:43:41		45.9	45.9
48.5	14:43:42		48.5	48.5
48.7	14:43:43		48.7	48.7
47.3	14:43:44		47.3	47.3
46.4	14:43:45		46.4	46.4
46.4	14:43:46		46.4	46.4
46.1	14:43:47		46.1	46.1
45.6	14:43:48		45.6	45.6
45.1	14:43:49		45.1	45.1
45.0	14:43:50		45.0	45.0
45.1	14:43:51		45.1	45.1
45.0	14:43:52		45.0	45.0
44.9	14:43:53		44.9	44.9
44.9	14:43:54		44.9	44.9
45.0	14:43:55		45.0	45.0
45.0	14:43:56		45.0	45.0
45.0	14:43:57		45.0	45.0
45.1	14:43:58		45.1	45.1
45.0	14:43:59		45.0	45.0
44.4	14:44:00		44.4	44.4
44.2	14:44:01		44.2	44.2
44.2	14:44:02		44.2	44.2
44.2	14:44:03		44.2	44.2
44.6	14:44:04		44.6	44.6
44.7	14:44:05		44.7	44.7
44.7	14:44:06		44.7	44.7
44.8	14:44:07		44.8	44.8
44.8	14:44:08		44.8	44.8
44.6	14:44:09		44.6	44.6
44.8	14:44:10		44.8	44.8
45.7	14:44:11		45.7	45.7
46.0	14:44:12		46.0	46.0
46.8	14:44:13		46.8	46.8
46.1	14:44:14		46.1	46.1
45.6	14:44:15		45.6	45.6
45.6	14:44:16		45.6	45.6
45.1	14:44:17		45.1	45.1
44.7	14:44:18		44.7	44.7
44.6	14:44:19		44.6	44.6
44.2	14:44:20		44.2	44.2
43.9	14:44:21		43.9	43.9
43.9	14:44:22		43.9	43.9
43.9	14:44:23		43.9	43.9
44.3	14:44:24		44.3	44.3
45.3	14:44:25		45.3	45.3
45.0	14:44:26		45.0	45.0
44.7	14:44:27		44.7	44.7
44.6	14:44:28		44.6	44.6
44.4	14:44:29		44.4	44.4
44.6	14:44:30		44.6	44.6
44.9	14:44:31		44.9	44.9
45.1	14:44:32		45.1	45.1
45.7	14:44:33		45.7	45.7
46.1	14:44:34		46.1	46.1
46.4	14:44:35		46.4	46.4
47.7	14:44:36		47.7	47.7
50.0	14:44:37		50.0	50.0
51.9	14:44:38		51.9	51.9
53.3	14:44:39		53.3	53.3
57.9	14:44:40		57.9	57.9
62.6	14:44:41		62.6	62.6
61.9	14:44:42		61.9	61.9
59.5	14:44:43		59.5	59.5
57.3	14:44:44		57.3	57.3
55.1	14:44:45		55.1	55.1
52.9	14:44:46		52.9	52.9
50.7	14:44:47		50.7	50.7
48.9	14:44:48		48.9	48.9
47.8	14:44:49		47.8	47.8
47.7	14:44:50		47.7	47.7
48.1	14:44:51		48.1	48.1
49.5	14:44:52		49.5	49.5
51.8	14:44:53		51.8	51.8
51.1	14:44:54		51.1	51.1
49.6	14:44:55		49.6	49.6
48.5	14:44:56		48.5	48.5
47.8	14:44:57		47.8	47.8
47.5	14:44:58		47.5	47.5
46.9	14:44:59		46.9	46.9

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
54.6	14:27:37		54.6	54.6
54.1	14:27:38		54.1	54.1
53.9	14:27:39		53.9	53.9
53.9	14:27:40		53.9	53.9
53.7	14:27:41		53.7	53.7
53.5	14:27:42		53.5	53.5
53.2	14:27:43		53.2	53.2
53.5	14:27:44		53.5	53.5
53.9	14:27:45		53.9	53.9
54.0	14:27:46		54.0	54.0
54.3	14:27:47		54.3	54.3
54.5	14:27:48		54.5	54.5
54.5	14:27:49		54.5	54.5
54.3	14:27:50		54.3	54.3
54.2	14:27:51		54.2	54.2
54.0	14:27:52		54.0	54.0
54.0	14:27:53		54.0	54.0
53.7	14:27:54		53.7	53.7
53.6	14:27:55		53.6	53.6
53.6	14:27:56		53.6	53.6
53.5	14:27:57		53.5	53.5
53.4	14:27:58		53.4	53.4
53.9	14:27:59		53.9	53.9
53.8	14:28:00		53.8	53.8
53.7	14:28:01		53.7	53.7
53.8	14:28:02		53.8	53.8
53.9	14:28:03		53.9	53.9
54.2	14:28:04		54.2	54.2
54.4	14:28:05		54.4	54.4
54.6	14:28:06		54.6	54.6
54.4	14:28:07		54.4	54.4
54.6	14:28:08		54.6	54.6
54.7	14:28:09		54.7	54.7
54.9	14:28:10		54.9	54.9
56.8	14:28:11		56.8	56.8
57.1	14:28:12		57.1	57.1
56.8	14:28:13		56.8	56.8
57.6	14:28:14		57.6	57.6
57.7	14:28:15		57.7	57.7
57.2	14:28:16		57.2	57.2
56.9	14:28:17		56.9	56.9
57.3	14:28:18		57.3	57.3
57.5	14:28:19		57.5	57.5
57.1	14:28:20		57.1	57.1
57.1	14:28:21		57.1	57.1
57.1	14:28:22		57.1	57.1
56.8	14:28:23		56.8	56.8
56.6	14:28:24		56.6	56.6
56.7	14:28:25		56.7	56.7
57.2	14:28:26		57.2	57.2
57.9	14:28:27		57.9	57.9
58.3	14:28:28		58.3	58.3
58.1	14:28:29		58.1	58.1
58.5	14:28:30		58.5	58.5
58.1	14:28:31		58.1	58.1
57.1	14:28:32		57.1	57.1
57.0	14:28:33		57.0	57.0
56.9	14:28:34		56.9	56.9
57.5	14:28:35		57.5	57.5
57.8	14:28:36		57.8	57.8
56.7	14:28:37		56.7	56.7
55.7	14:28:38		55.7	55.7
56.3	14:28:39		56.3	56.3
57.5	14:28:40		57.5	57.5
58.1	14:28:41		58.1	58.1
57.4	14:28:42		57.4	57.4
56.6	14:28:43		56.6	56.6
56.8	14:28:44		56.8	56.8
56.6	14:28:45		56.6	56.6
55.9	14:28:46		55.9	55.9
55.5	14:28:47		55.5	55.5
55.1	14:28:48		55.1	55.1
54.8	14:28:49		54.8	54.8
54.4	14:28:50		54.4	54.4
54.1	14:28:51		54.1	54.1
54.0	14:28:52		54.0	54.0
53.8	14:28:53		53.8	53.8
53.7	14:28:54		53.7	53.7
54.5	14:28:55		54.5	54.5
54.1	14:28:56		54.1	54.1
53.7	14:28:57		53.7	53.7
53.8	14:28:58		53.8	53.8
54.2	14:28:59		54.2	54.2
53.8	14:29:00		53.8	53.8
54.2	14:29:01		54.2	54.2
54.4	14:29:02		54.4	54.4
54.2	14:29:03		54.2	54.2
54.5	14:29:04		54.5	54.5
54.5	14:29:05		54.5	54.5
53.8	14:29:06		53.8	53.8
53.9	14:29:07		53.9	53.9
54.1	14:29:08		54.1	54.1
53.6	14:29:09		53.6	53.6
53.4	14:29:10		53.4	53.4
53.3	14:29:11		53.3	53.3
53.2	14:29:12		53.2	53.2
53.1	14:29:13		53.1	53.1
52.7	14:29:14		52.7	52.7
52.7	14:29:15		52.7	52.7
52.7	14:29:16		52.7	52.7
52.7	14:29:17		52.7	52.7
52.8	14:29:18		52.8	52.8
53.3	14:29:19		53.3	53.3
54.6	14:29:20		54.6	54.6
56.1	14:29:21		56.1	56.1
56.0	14:29:22		56.0	56.0
56.5	14:29:23		56.5	56.5
55.3	14:29:24		55.3	55.3
54.3	14:29:25		54.3	54.3
53.8	14:29:26		53.8	53.8
53.4	14:29:27		53.4	53.4
53.2	14:29:28		53.2	53.2
52.8	14:29:29		52.8	52.8
52.8	14:29:30		52.8	52.8
53.0	14:29:31		53.0	53.0
53.0	14:29:32		53.0	53.0
53.1	14:29:33		53.1	53.1
52.9	14:29:34		52.9	52.9
53.0	14:29:35		53.0	53.0
53.1	14:29:36		53.1	53.1
53.2	14:29:37		53.2	53.2
53.3	14:29:38		53.3	53.3
53.4	14:29:39		53.4	53.4
54.4	14:29:40		54.4	54.4
57.0	14:29:41		57.0	57.0
57.3	14:29:42		57.3	57.3
56.7	14:29:43		56.7	56.7
55.5	14:29:44		55.5	55.5
54.4	14:29:45		54.4	54.4
54.1	14:29:46		54.1	54.1
54.5	14:29:47		54.5	54.5
54.8	14:29:48		54.8	54.8
55.3	14:29:49		55.3	55.3
55.3	14:29:50		55.3	55.3
54.6	14:29:51		54.6	54.6
55.2	14:29:52		55.2	55.2
55.8	14:29:53		55.8	55.8
56.4	14:29:54		56.4	56.4
57.1	14:29:55		57.1	57.1
56.0	14:29:56		56.0	56.0
55.2	14:29:57		55.2	55.2
55.1	14:29:58		55.1	55.1
55.2	14:29:59		55.2	55.2
54.8	14:30:00		54.8	54.8
54.7	14:30:01		54.7	54.7
55.2	14:30:02		55.2	55.2
55.2	14:30:03		55.2	55.2
54.9	14:30:04		54.9	54.9
54.3	14:30:05		54.3	54.3
54.3	14:30:06		54.3	54.3
54.1	14:30:07		54.1	54.1
54.0	14:30:08		54.0	54.0
53.4	14:30:09		53.4	53.4
52.9	14:30:10		52.9	52.9
53.0	14:30:11		53.0	53.0
53.3	14:30:12		53.3	53.3
53.5	14:30:13		53.5	53.5
53.4	14:30:14		53.4	53.4
53.3	14:30:15		53.3	53.3
53.5	14:30:16		53.5	53.5
53.4	14:30:17		53.4	53.4
53.4	14:30:18		53.4	53.4

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.1	14:10:14		44.1	44.1
46.1	14:10:15		46.1	46.1
45.4	14:10:16		45.4	45.4
45.6	14:10:17		45.6	45.6
45.6	14:10:18		45.6	45.6
44.8	14:10:19		44.8	44.8
45.0	14:10:20		45.0	45.0
44.7	14:10:21		44.7	44.7
44.3	14:10:22		44.3	44.3
44.2	14:10:23		44.2	44.2
44.2	14:10:24		44.2	44.2
44.0	14:10:25		44.0	44.0
44.0	14:10:26		44.0	44.0
43.9	14:10:27		43.9	43.9
44.0	14:10:28		44.0	44.0
44.0	14:10:29		44.0	44.0
44.0	14:10:30		44.0	44.0
44.3	14:10:31		44.3	44.3
44.6	14:10:32		44.6	44.6
45.1	14:10:33		45.1	45.1
45.4	14:10:34		45.4	45.4
45.3	14:10:35		45.3	45.3
45.1	14:10:36		45.1	45.1
45.7	14:10:37		45.7	45.7
46.2	14:10:38		46.2	46.2
46.0	14:10:39		46.0	46.0
45.9	14:10:40		45.9	45.9
46.2	14:10:41		46.2	46.2
46.5	14:10:42		46.5	46.5
46.4	14:10:43		46.4	46.4
46.3	14:10:44		46.3	46.3
47.3	14:10:45		47.3	47.3
46.9	14:10:46		46.9	46.9
47.5	14:10:47		47.5	47.5
47.1	14:10:48		47.1	47.1
46.5	14:10:49		46.5	46.5
46.3	14:10:50		46.3	46.3
46.1	14:10:51		46.1	46.1
45.6	14:10:52		45.6	45.6
45.2	14:10:53		45.2	45.2
45.3	14:10:54		45.3	45.3
45.4	14:10:55		45.4	45.4
45.3	14:10:56		45.3	45.3
44.9	14:10:57		44.9	44.9
44.6	14:10:58		44.6	44.6
44.9	14:10:59		44.9	44.9
45.7	14:11:00		45.7	45.7
46.4	14:11:01		46.4	46.4
46.7	14:11:02		46.7	46.7
47.2	14:11:03		47.2	47.2
47.2	14:11:04		47.2	47.2
47.0	14:11:05		47.0	47.0
47.1	14:11:06		47.1	47.1
47.8	14:11:07		47.8	47.8
48.1	14:11:08		48.1	48.1
48.3	14:11:09		48.3	48.3
48.8	14:11:10		48.8	48.8
49.4	14:11:11		49.4	49.4
52.0	14:11:12		52.0	52.0
55.5	14:11:13		55.5	55.5
58.6	14:11:14		58.6	58.6
62.0	14:11:15		62.0	62.0
62.0	14:11:16		62.0	62.0
59.1	14:11:17		59.1	59.1
56.0	14:11:18		56.0	56.0
53.3	14:11:19		53.3	53.3
51.4	14:11:20		51.4	51.4
49.9	14:11:21		49.9	49.9
48.5	14:11:22		48.5	48.5
47.6	14:11:23		47.6	47.6
47.2	14:11:24		47.2	47.2
47.1	14:11:25		47.1	47.1
46.3	14:11:26		46.3	46.3
45.6	14:11:27		45.6	45.6
45.3	14:11:28		45.3	45.3
45.7	14:11:29		45.7	45.7
46.4	14:11:30		46.4	46.4
46.4	14:11:31		46.4	46.4
45.4	14:11:32		45.4	45.4
45.2	14:11:33		45.2	45.2
45.1	14:11:34		45.1	45.1
44.9	14:11:35		44.9	44.9
45.0	14:11:36		45.0	45.0
45.0	14:11:37		45.0	45.0
45.1	14:11:38		45.1	45.1
45.4	14:11:39		45.4	45.4
46.2	14:11:40		46.2	46.2
46.3	14:11:41		46.3	46.3
46.8	14:11:42		46.8	46.8
46.7	14:11:43		46.7	46.7
46.5	14:11:44		46.5	46.5
47.2	14:11:45		47.2	47.2
47.2	14:11:46		47.2	47.2
47.5	14:11:47		47.5	47.5
47.3	14:11:48		47.3	47.3
46.8	14:11:49		46.8	46.8
46.8	14:11:50		46.8	46.8
46.9	14:11:51		46.9	46.9
47.3	14:11:52		47.3	47.3
49.0	14:11:53		49.0	49.0
49.9	14:11:54		49.9	49.9
50.6	14:11:55		50.6	50.6
51.1	14:11:56		51.1	51.1
51.0	14:11:57		51.0	51.0
51.2	14:11:58		51.2	51.2
51.4	14:11:59		51.4	51.4
52.4	14:12:00		52.4	52.4
53.9	14:12:01		53.9	53.9
55.3	14:12:02		55.3	55.3
54.4	14:12:03		54.4	54.4
52.5	14:12:04		52.5	52.5
52.2	14:12:05		52.2	52.2
54.1	14:12:06		54.1	54.1
54.6	14:12:07		54.6	54.6
53.1	14:12:08		53.1	53.1
51.7	14:12:09		51.7	51.7
50.6	14:12:10		50.6	50.6
50.6	14:12:11		50.6	50.6
50.8	14:12:12		50.8	50.8
50.5	14:12:13		50.5	50.5
49.9	14:12:14		49.9	49.9
50.2	14:12:15		50.2	50.2
50.1	14:12:16		50.1	50.1
49.9	14:12:17		49.9	49.9
49.1	14:12:18		49.1	49.1
48.3	14:12:19		48.3	48.3
48.2	14:12:20		48.2	48.2
48.6	14:12:21		48.6	48.6
48.0	14:12:22		48.0	48.0
47.1	14:12:23		47.1	47.1
46.8	14:12:24		46.8	46.8
47.0	14:12:25		47.0	47.0
46.7	14:12:26		46.7	46.7
46.2	14:12:27		46.2	46.2
46.4	14:12:28		46.4	46.4
47.1	14:12:29		47.1	47.1
47.4	14:12:30		47.4	47.4
47.2	14:12:31		47.2	47.2
47.1	14:12:32		47.1	47.1
46.7	14:12:33		46.7	46.7
46.3	14:12:34		46.3	46.3
46.1	14:12:35		46.1	46.1
46.1	14:12:36		46.1	46.1
45.9	14:12:37		45.9	45.9
45.9	14:12:38		45.9	45.9
45.3	14:12:39		45.3	45.3
44.7	14:12:40		44.7	44.7
44.4	14:12:41		44.4	44.4
44.7	14:12:42		44.7	44.7
44.8	14:12:43		44.8	44.8
45.2	14:12:44		45.2	45.2
46.6	14:12:45		46.6	46.6
46.1	14:12:46		46.1	46.1
46.5	14:12:47		46.5	46.5
46.5	14:12:48		46.5	46.5
45.4	14:12:49		45.4	45.4
44.8	14:12:50		44.8	44.8
45.5	14:12:51		45.5	45.5
45.1	14:12:52		45.1	45.1
44.7	14:12:53		44.7	44.7
44.4	14:12:54		44.4	44.4
44.4	14:12:55		44.4	44.4

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
47.1	14:45:00		47.1	47.1
49.2	14:45:01		49.2	49.2
49.9	14:45:02		49.9	49.9
50.8	14:45:03		50.8	50.8
51.4	14:45:04		51.4	51.4
50.5	14:45:05		50.5	50.5
51.6	14:45:06		51.6	51.6
51.2	14:45:07		51.2	51.2
50.7	14:45:08		50.7	50.7
51.8	14:45:09		51.8	51.8
50.7	14:45:10		50.7	50.7
48.8	14:45:11		48.8	48.8
48.8	14:45:12		48.8	48.8
49.8	14:45:13		49.8	49.8
51.2	14:45:14		51.2	51.2
52.3	14:45:15		52.3	52.3
50.5	14:45:16		50.5	50.5
48.1	14:45:17		48.1	48.1
46.1	14:45:18		46.1	46.1
44.9	14:45:19		44.9	44.9
45.4	14:45:20		45.4	45.4
47.3	14:45:21		47.3	47.3
46.5	14:45:22		46.5	46.5
46.8	14:45:23		46.8	46.8
46.2	14:45:24		46.2	46.2
45.6	14:45:25		45.6	45.6
46.8	14:45:26		46.8	46.8
47.9	14:45:27		47.9	47.9
46.2	14:45:28		46.2	46.2
45.1	14:45:29		45.1	45.1
44.7	14:45:30		44.7	44.7
44.2	14:45:31		44.2	44.2
44.3	14:45:32		44.3	44.3
45.1	14:45:33		45.1	45.1
45.3	14:45:34		45.3	45.3
48.5	14:45:35		48.5	48.5
47.8	14:45:36		47.8	47.8
49.5	14:45:37		49.5	49.5
48.6	14:45:38		48.6	48.6
47.0	14:45:39		47.0	47.0
47.1	14:45:40		47.1	47.1
47.8	14:45:41		47.8	47.8
48.8	14:45:42		48.8	48.8
49.9	14:45:43		49.9	49.9
50.2	14:45:44		50.2	50.2
50.5	14:45:45		50.5	50.5
51.0	14:45:46		51.0	51.0
51.3	14:45:47		51.3	51.3
51.4	14:45:48		51.4	51.4
50.4	14:45:49		50.4	50.4
49.5	14:45:50		49.5	49.5
48.8	14:45:51		48.8	48.8
48.4	14:45:52		48.4	48.4
48.7	14:45:53		48.7	48.7
48.2	14:45:54		48.2	48.2
48.1	14:45:55		48.1	48.1
47.9	14:45:56		47.9	47.9
47.4	14:45:57		47.4	47.4
46.9	14:45:58		46.9	46.9
47.2	14:45:59		47.2	47.2
47.6	14:46:00		47.6	47.6
47.6	14:46:01		47.6	47.6
48.0	14:46:02		48.0	48.0
55.3	14:46:03		55.3	55.3
53.0	14:46:04		53.0	53.0
50.3	14:46:05		50.3	50.3
48.4	14:46:06		48.4	48.4
47.5	14:46:07		47.5	47.5
47.7	14:46:08		47.7	47.7
48.3	14:46:09		48.3	48.3
47.7	14:46:10		47.7	47.7
47.0	14:46:11		47.0	47.0
46.3	14:46:12		46.3	46.3
46.5	14:46:13		46.5	46.5
46.8	14:46:14		46.8	46.8
46.6	14:46:15		46.6	46.6
46.6	14:46:16		46.6	46.6
46.5	14:46:17		46.5	46.5
46.4	14:46:18		46.4	46.4
46.3	14:46:19		46.3	46.3
46.6	14:46:20		46.6	46.6
48.4	14:46:21		48.4	48.4
48.6	14:46:22		48.6	48.6
47.9	14:46:23		47.9	47.9
47.4	14:46:24		47.4	47.4
47.5	14:46:25		47.5	47.5
49.3	14:46:26		49.3	49.3
49.6	14:46:27		49.6	49.6
48.6	14:46:28		48.6	48.6
48.2	14:46:29		48.2	48.2
47.4	14:46:30		47.4	47.4
47.0	14:46:31		47.0	47.0
46.7	14:46:32		46.7	46.7
46.6	14:46:33		46.6	46.6
46.4	14:46:34		46.4	46.4
46.3	14:46:35		46.3	46.3
46.4	14:46:36		46.4	46.4
46.4	14:46:37		46.4	46.4
46.4	14:46:38		46.4	46.4
46.2	14:46:39		46.2	46.2
46.0	14:46:40		46.0	46.0
46.2	14:46:41		46.2	46.2
46.4	14:46:42		46.4	46.4
46.2	14:46:43		46.2	46.2
46.1	14:46:44		46.1	46.1
46.5	14:46:45		46.5	46.5
46.1	14:46:46		46.1	46.1
45.8	14:46:47		45.8	45.8
45.8	14:46:48		45.8	45.8
45.8	14:46:49		45.8	45.8
46.4	14:46:50		46.4	46.4
47.4	14:46:51		47.4	47.4
46.9	14:46:52		46.9	46.9
46.4	14:46:53		46.4	46.4
46.4	14:46:54		46.4	46.4
47.6	14:46:55		47.6	47.6
48.5	14:46:56		48.5	48.5
48.7	14:46:57		48.7	48.7
48.9	14:46:58		48.9	48.9
48.8	14:46:59		48.8	48.8
48.6	14:47:00		48.6	48.6
48.2	14:47:01		48.2	48.2
48.0	14:47:02		48.0	48.0
47.7	14:47:03		47.7	47.7
47.2	14:47:04		47.2	47.2
47.0	14:47:05		47.0	47.0
47.3	14:47:06		47.3	47.3
47.8	14:47:07		47.8	47.8
48.2	14:47:08		48.2	48.2
49.0	14:47:09		49.0	49.0
50.7	14:47:10		50.7	50.7
51.0	14:47:11		51.0	51.0
49.8	14:47:12		49.8	49.8
49.2	14:47:13		49.2	49.2
49.9	14:47:14		49.9	49.9
50.1	14:47:15		50.1	50.1
48.6	14:47:16		48.6	48.6
46.9	14:47:17		46.9	46.9
45.6	14:47:18		45.6	45.6
44.8	14:47:19		44.8	44.8
45.3	14:47:20		45.3	45.3
46.4	14:47:21		46.4	46.4
46.3	14:47:22		46.3	46.3
47.3	14:47:23		47.3	47.3
46.7	14:47:24		46.7	46.7
46.9	14:47:25		46.9	46.9
48.8	14:47:26		48.8	48.8
48.6	14:47:27		48.6	48.6
49.9	14:47:28		49.9	49.9
49.1	14:47:29		49.1	49.1
49.1	14:47:30		49.1	49.1
55.7	14:47:31		55.7	55.7
57.2	14:47:32		57.2	57.2
55.9	14:47:33		55.9	55.9
53.3	14:47:34		53.3	53.3
50.4	14:47:35		50.4	50.4
47.8	14:47:36		47.8	47.8
46.5	14:47:37		46.5	46.5
45.8	14:47:38		45.8	45.8
46.0	14:47:39		46.0	46.0
46.3	14:47:40		46.3	46.3
45.2	14:47:41		45.2	45.2

Site 1 - North Side of Verdugo Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
53.7	14:30:19		53.7	53.7
53.8	14:30:20		53.8	53.8
53.8	14:30:21		53.8	53.8
54.4	14:30:22		54.4	54.4
55.7	14:30:23		55.7	55.7
59.0	14:30:24		59.0	59.0
63.3	14:30:25		63.3	63.3
62.4	14:30:26		62.4	62.4
59.6	14:30:27		59.6	59.6
57.5	14:30:28		57.5	57.5
56.3	14:30:29		56.3	56.3
55.6	14:30:30		55.6	55.6
54.8	14:30:31		54.8	54.8
54.4	14:30:32		54.4	54.4
54.3	14:30:33		54.3	54.3
54.4	14:30:34		54.4	54.4
54.5	14:30:35		54.5	54.5
54.4	14:30:36		54.4	54.4
54.9	14:30:37		54.9	54.9
55.5	14:30:38		55.5	55.5
55.1	14:30:39		55.1	55.1
55.3	14:30:40		55.3	55.3
54.5	14:30:41		54.5	54.5
53.6	14:30:42		53.6	53.6
53.1	14:30:43		53.1	53.1
53.0	14:30:44		53.0	53.0
53.2	14:30:45		53.2	53.2
53.0	14:30:46		53.0	53.0
53.1	14:30:47		53.1	53.1
53.3	14:30:48		53.3	53.3
53.2	14:30:49		53.2	53.2
53.2	14:30:50		53.2	53.2
53.6	14:30:51		53.6	53.6
54.2	14:30:52		54.2	54.2
54.9	14:30:53		54.9	54.9
55.3	14:30:54		55.3	55.3
54.9	14:30:55		54.9	54.9
54.4	14:30:56		54.4	54.4
54.0	14:30:57		54.0	54.0
53.8	14:30:58		53.8	53.8
53.7	14:30:59		53.7	53.7
53.2	14:31:00		53.2	53.2
52.8	14:31:01		52.8	52.8
52.7	14:31:02		52.7	52.7
52.8	14:31:03		52.8	52.8
52.8	14:31:04		52.8	52.8
52.8	14:31:05		52.8	52.8
52.7	14:31:06		52.7	52.7
52.7	14:31:07		52.7	52.7
52.8	14:31:08		52.8	52.8
53.0	14:31:09		53.0	53.0
53.0	14:31:10		53.0	53.0
52.9	14:31:11		52.9	52.9
53.3	14:31:12		53.3	53.3
54.0	14:31:13		54.0	54.0
55.0	14:31:14		55.0	55.0
55.9	14:31:15		55.9	55.9
57.7	14:31:16		57.7	57.7
57.4	14:31:17		57.4	57.4
55.9	14:31:18		55.9	55.9
54.9	14:31:19		54.9	54.9
54.3	14:31:20		54.3	54.3
54.1	14:31:21		54.1	54.1
54.0	14:31:22		54.0	54.0
54.0	14:31:23		54.0	54.0
53.9	14:31:24		53.9	53.9
53.9	14:31:25		53.9	53.9
53.9	14:31:26		53.9	53.9
53.7	14:31:27		53.7	53.7
53.9	14:31:28	56.6	53.9	53.9
54.4	14:31:29	56.6	54.4	54.4
54.4	14:31:30	56.6	54.4	54.4
54.6	14:31:31	56.6	54.6	54.6
54.9	14:31:32	56.6	54.9	54.9
54.9	14:31:33	56.6	54.9	54.9
54.9	14:31:34	56.5	54.9	54.9
55.1	14:31:35	56.5	55.1	55.1
54.8	14:31:36	56.5	54.8	54.8
54.4	14:31:37	56.5	54.4	54.4
54.0	14:31:38	56.5	54.0	54.0
53.7	14:31:39	56.5	53.7	53.7
53.7	14:31:40	56.5	53.7	53.7
53.8	14:31:41	56.5	53.8	53.8
54.4	14:31:42	56.5	54.4	54.4
54.7	14:31:43	56.5	54.7	54.7
54.6	14:31:44	56.5	54.6	54.6
54.5	14:31:45	56.5	54.5	54.5
54.2	14:31:46	56.5	54.2	54.2
53.9	14:31:47	56.5	53.9	53.9
54.2	14:31:48	56.5	54.2	54.2
55.3	14:31:49	56.5	55.3	55.3
55.3	14:31:50	56.5	55.3	55.3
55.6	14:31:51	56.5	55.6	55.6
55.4	14:31:52	56.5	55.4	55.4
54.7	14:31:53	56.5	54.7	54.7
54.5	14:31:54	56.5	54.5	54.5
54.7	14:31:55	56.5	54.7	54.7
54.8	14:31:56	56.5	54.8	54.8
55.1	14:31:57	56.4	55.1	55.1
55.3	14:31:58	56.4	55.3	55.3
55.1	14:31:59	56.4	55.1	55.1
54.8	14:32:00	56.4	54.8	54.8
54.9	14:32:01	56.4	54.9	54.9
55.3	14:32:02	56.4	55.3	55.3
54.7	14:32:03	56.4	54.7	54.7
54.6	14:32:04	56.4	54.6	54.6
54.7	14:32:05	56.4	54.7	54.7
56.1	14:32:06	56.4	56.1	56.1
56.5	14:32:07	56.4	56.5	56.5
56.1	14:32:08	56.4	56.1	56.1
55.8	14:32:09	56.4	55.8	55.8
55.0	14:32:10	56.4	55.0	55.0
54.8	14:32:11	56.4	54.8	54.8
54.3	14:32:12	56.4	54.3	54.3
54.4	14:32:13	56.4	54.4	54.4
54.6	14:32:14	56.4	54.6	54.6
54.8	14:32:15	56.4	54.8	54.8
55.1	14:32:16	56.4	55.1	55.1
55.8	14:32:17	56.4	55.8	55.8
56.9	14:32:18	56.4	56.9	56.9
57.9	14:32:19	56.4	57.9	57.9
59.2	14:32:20	56.4	59.2	59.2
59.5	14:32:21	56.4	59.5	59.5
59.8	14:32:22	56.3	59.8	59.8
59.6	14:32:23	56.3	59.6	59.6
59.2	14:32:24	56.3	59.2	59.2
58.5	14:32:25	56.3	58.5	58.5
57.5	14:32:26	56.3	57.5	57.5
56.2	14:32:27	56.3	56.2	56.2
55.1	14:32:28	56.3	55.1	55.1
54.5	14:32:29	56.3	54.5	54.5
54.3	14:32:30	56.3	54.3	54.3
54.4	14:32:31	56.3	54.4	54.4
54.9	14:32:32	56.3	54.9	54.9
56.0	14:32:33	56.3	56.0	56.0
57.1	14:32:34	56.3	57.1	57.1
57.7	14:32:35	56.3	57.7	57.7
57.7	14:32:36	56.3	57.7	57.7
56.7	14:32:37	56.3	56.7	56.7
56.5	14:32:38	56.3	56.5	56.5
56.3	14:32:39	56.3	56.3	56.3
56.0	14:32:40	56.3	56.0	56.0
55.9	14:32:41	56.3	55.9	55.9
55.5	14:32:42	56.3	55.5	55.5
55.7	14:32:43	56.3	55.7	55.7
55.1	14:32:44	56.3	55.1	55.1
54.4	14:32:45	56.3	54.4	54.4
53.9	14:32:46	56.3	53.9	53.9
53.8	14:32:47	56.3	53.8	53.8
53.7	14:32:48	56.3	53.7	53.7
53.5	14:32:49	56.2	53.5	53.5
53.5	14:32:50	56.2	53.5	53.5
53.6	14:32:51	56.2	53.6	53.6
53.8	14:32:52	56.2	53.8	53.8
53.9	14:32:53	56.2	53.9	53.9
53.7	14:32:54	56.2	53.7	53.7
53.5	14:32:55	56.2	53.5	53.5
53.5	14:32:56	56.2	53.5	53.5
53.7	14:32:57	56.2	53.7	53.7
54.0	14:32:58	56.2	54.0	54.0
54.6	14:32:59	56.2	54.6	54.6
55.4	14:33:00	56.2	55.4	55.4

Site 2 - South Side of Garfield Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.3	14:12:56		44.3	44.3
44.4	14:12:57		44.4	44.4
44.6	14:12:58		44.6	44.6
44.8	14:12:59		44.8	44.8
45.2	14:13:00		45.2	45.2
45.8	14:13:01		45.8	45.8
45.8	14:13:02		45.8	45.8
45.4	14:13:03		45.4	45.4
45.5	14:13:04		45.5	45.5
46.0	14:13:05		46.0	46.0
46.7	14:13:06		46.7	46.7
47.1	14:13:07		47.1	47.1
48.2	14:13:08		48.2	48.2
50.3	14:13:09		50.3	50.3
57.3	14:13:10		57.3	57.3
61.2	14:13:11		61.2	61.2
62.8	14:13:12		62.8	62.8
61.9	14:13:13		61.9	61.9
58.8	14:13:14		58.8	58.8
56.1	14:13:15		56.1	56.1
53.3	14:13:16		53.3	53.3
51.2	14:13:17		51.2	51.2
50.6	14:13:18		50.6	50.6
50.2	14:13:19		50.2	50.2
49.6	14:13:20		49.6	49.6
49.1	14:13:21		49.1	49.1
49.3	14:13:22		49.3	49.3
49.0	14:13:23		49.0	49.0
49.1	14:13:24		49.1	49.1
49.3	14:13:25		49.3	49.3
50.3	14:13:26		50.3	50.3
56.6	14:13:27		56.6	56.6
61.6	14:13:28		61.6	61.6
63.9	14:13:29		63.9	63.9
63.8	14:13:30		63.8	63.8
60.7	14:13:31		60.7	60.7
57.6	14:13:32		57.6	57.6
54.8	14:13:33		54.8	54.8
52.5	14:13:34		52.5	52.5
51.2	14:13:35		51.2	51.2
50.9	14:13:36		50.9	50.9
50.0	14:13:37		50.0	50.0
49.6	14:13:38		49.6	49.6
49.5	14:13:39		49.5	49.5
49.4	14:13:40		49.4	49.4
49.0	14:13:41		49.0	49.0
48.6	14:13:42		48.6	48.6
48.0	14:13:43		48.0	48.0
47.4	14:13:44		47.4	47.4
47.9	14:13:45		47.9	47.9
47.5	14:13:46		47.5	47.5
47.6	14:13:47		47.6	47.6
47.5	14:13:48		47.5	47.5
47.1	14:13:49		47.1	47.1
46.8	14:13:50		46.8	46.8
46.5	14:13:51		46.5	46.5
45.9	14:13:52		45.9	45.9
45.6	14:13:53		45.6	45.6
47.8	14:13:54		47.8	47.8
47.0	14:13:55		47.0	47.0
46.0	14:13:56		46.0	46.0
45.4	14:13:57		45.4	45.4
45.1	14:13:58		45.1	45.1
45.4	14:13:59		45.4	45.4
45.6	14:14:00		45.6	45.6
45.7	14:14:01		45.7	45.7
46.6	14:14:02		46.6	46.6
48.6	14:14:03		48.6	48.6
48.6	14:14:04		48.6	48.6
48.3	14:14:05	55.0	48.3	48.3
49.6	14:14:06	55.0	49.6	49.6
50.4	14:14:07	55.0	50.4	50.4
51.9	14:14:08	55.0	51.9	51.9
51.4	14:14:09	54.9	51.4	51.4
49.7	14:14:10	54.9	49.7	49.7
48.2	14:14:11	54.9	48.2	48.2
47.5	14:14:12	54.9	47.5	47.5
47.0	14:14:13	54.9	47.0	47.0
47.8	14:14:14	54.9	47.8	47.8
48.5	14:14:15	54.9	48.5	48.5
47.5	14:14:16	54.9	47.5	47.5
46.8	14:14:17	54.9	46.8	46.8
46.7	14:14:18	54.9	46.7	46.7
47.1	14:14:19	54.9	47.1	47.1
46.1	14:14:20	54.9	46.1	46.1
45.3	14:14:21	54.9	45.3	45.3
44.6	14:14:22	54.9	44.6	44.6
44.1	14:14:23	54.9	44.1	44.1
43.9	14:14:24	54.9	43.9	43.9
43.7	14:14:25	54.9	43.7	43.7
43.5	14:14:26	54.9	43.5	43.5
43.5	14:14:27	54.9	43.5	43.5
43.3	14:14:28	54.9	43.3	43.3
43.2	14:14:29	54.9	43.2	43.2
43.3	14:14:30	54.9	43.3	43.3
43.4	14:14:31	54.8	43.4	43.4
43.4	14:14:32	54.6	43.4	43.4
43.3	14:14:33	54.5	43.3	43.3
43.2	14:14:34	54.5	43.2	43.2
43.1	14:14:35	54.5	43.1	43.1
43.1	14:14:36	54.5	43.1	43.1
42.9	14:14:37	54.5	42.9	42.9
43.1	14:14:38	54.5	43.1	43.1
43.4	14:14:39	54.5	43.4	43.4
43.8	14:14:40	54.5	43.8	43.8
44.1	14:14:41	54.5	44.1	44.1
45.5	14:14:42	54.5	45.5	45.5
46.2	14:14:43	54.5	46.2	46.2
46.5	14:14:44	54.5	46.5	46.5
48.4	14:14:45	54.5	48.4	48.4
47.5	14:14:46	54.5	47.5	47.5
47.7	14:14:47	54.5	47.7	47.7
48.2	14:14:48	54.5	48.2	48.2
48.2	14:14:49	54.5	48.2	48.2
48.0	14:14:50	54.5	48.0	48.0
47.6	14:14:51	54.5	47.6	47.6
47.5	14:14:52	54.5	47.5	47.5
48.3	14:14:53	54.5	48.3	48.3
49.0	14:14:54	54.5	49.0	49.0
49.1	14:14:55	54.5	49.1	49.1
48.8	14:14:56	54.5	48.8	48.8
48.6	14:14:57	54.5	48.6	48.6
48.1	14:14:58	54.5	48.1	48.1
47.7	14:14:59	54.4	47.7	47.7
48.1	14:15:00	54.4	48.1	48.1
48.4	14:15:01	54.4	48.4	48.4
48.3	14:15:02	54.4	48.3	48.3
49.2	14:15:03	54.4	49.2	49.2
49.3	14:15:04	54.4	49.3	49.3
49.2	14:15:05	54.4	49.2	49.2
48.7	14:15:06	54.4	48.7	48.7
48.7	14:15:07	54.4	48.7	48.7
49.3	14:15:08	54.4	49.3	49.3
49.6	14:15:09	54.4	49.6	49.6
50.0	14:15:10	54.4	50.0	50.0
50.2	14:15:11	54.4	50.2	50.2
50.3	14:15:12	54.4	50.3	50.3
48.9	14:15:13	54.4	48.9	48.9
47.8	14:15:14	54.4	47.8	47.8
48.8	14:15:15	54.4	48.8	48.8
48.2	14:15:16	54.4	48.2	48.2
47.2	14:15:17	54.4	47.2	47.2
46.0	14:15:18	54.4	46.0	46.0
44.5	14:15:19	54.4	44.5	44.5
43.8	14:15:20	54.4	43.8	43.8
43.5	14:15:21	54.4	43.5	43.5
43.5	14:15:22	54.4	43.5	43.5
43.8	14:15:23	54.4	43.8	43.8
44.5	14:15:24	54.4	44.5	44.5
45.1	14:15:25	54.4	45.1	45.1
45.3	14:15:26	54.4	45.3	45.3
46.5	14:15:27	54.4	46.5	46.5
48.1	14:15:28	54.4	48.1	48.1
51.5	14:15:29	54.4	51.5	51.5
56.1	14:15:30	54.4	56.1	56.1
59.6	14:15:31	54.4	59.6	59.6
62.5	14:15:32	54.4	62.5	62.5
61.7	14:15:33	54.3	61.7	61.7
61.5	14:15:34	54.3	61.5	61.5
62.3	14:15:35	54.3	62.3	62.3
63.9	14:15:36	54.3	63.9	63.9
63.2	14:15:37	54.3	63.2	63.2

Site 3 - South Side of Montrose Campus

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.1	14:47:42		44.1	44.1
44.5	14:47:43		44.5	44.5
45.8	14:47:44		45.8	45.8
46.3	14:47:45		46.3	46.3
45.9	14:47:46		45.9	45.9
45.6	14:47:47		45.6	45.6
45.5	14:47:48		45.5	45.5
44.9	14:47:49		44.9	44.9
44.1	14:47:50		44.1	44.1
43.9	14:47:51		43.9	43.9
43.9	14:47:52		43.9	43.9
43.5	14:47:53		43.5	43.5
43.0	14:47:54		43.0	43.0
42.9	14:47:55		42.9	42.9
42.8	14:47:56		42.8	42.8
42.8	14:47:57		42.8	42.8
43.2	14:47:58		43.2	43.2
43.8	14:47:59		43.8	43.8
45.7	14:48:00		45.7	45.7
46.6	14:48:01		46.6	46.6
46.8	14:48:02		46.8	46.8
47.3	14:48:03		47.3	47.3
48.9	14:48:04		48.9	48.9
49.7	14:48:05		49.7	49.7
50.8	14:48:06		50.8	50.8
53.1	14:48:07		53.1	53.1
54.8	14:48:08		54.8	54.8
56.1	14:48:09		56.1	56.1
57.6	14:48:10		57.6	57.6
58.6	14:48:11		58.6	58.6
59.1	14:48:12		59.1	59.1
60.4	14:48:13		60.4	60.4
61.4	14:48:14		61.4	61.4
61.6	14:48:15		61.6	61.6
61.9	14:48:16		61.9	61.9
61.8	14:48:17		61.8	61.8
60.0	14:48:18		60.0	60.0
57.4	14:48:19		57.4	57.4
54.5	14:48:20		54.5	54.5
51.9	14:48:21		51.9	51.9
49.9	14:48:22		49.9	49.9
48.3	14:48:23		48.3	48.3
47.5	14:48:24		47.5	47.5
47.0	14:48:25		47.0	47.0
46.8	14:48:26		46.8	46.8
45.8	14:48:27		45.8	45.8
45.0	14:48:28		45.0	45.0
44.4	14:48:29		44.4	44.4
43.8	14:48:30		43.8	43.8
43.6	14:48:31		43.6	43.6
43.8	14:48:32		43.8	43.8
43.5	14:48:33		43.5	43.5
43.7	14:48:34		43.7	43.7
44.4	14:48:35		44.4	44.4
44.7	14:48:36		44.7	44.7
45.1	14:48:37		45.1	45.1
45.7	14:48:38		45.7	45.7
46.1	14:48:39		46.1	46.1
46.5	14:48:40		46.5	46.5
47.0	14:48:41		47.0	47.0
48.6	14:48:42		48.6	48.6
48.2	14:48:43		48.2	48.2
46.9	14:48:44		46.9	46.9
45.8	14:48:45		45.8	45.8
44.7	14:48:46		44.7	44.7
43.5	14:48:47		43.5	43.5
42.9	14:48:48		42.9	42.9
42.9	14:48:49		42.9	42.9
43.2	14:48:50		43.2	43.2
43.9	14:48:51	53.9	43.9	43.9
44.6	14:48:52	53.9	44.6	44.6
44.7	14:48:53	53.9	44.7	44.7
44.2	14:48:54	53.9	44.2	44.2
44.1	14:48:55	53.9	44.1	44.1
44.3	14:48:56	53.9	44.3	44.3
44.8	14:48:57	53.7	44.8	44.8
45.5	14:48:58	53.6	45.5	45.5
46.0	14:48:59	53.6	46.0	46.0
46.7	14:49:00	53.6	46.7	46.7
46.6	14:49:01	53.6	46.6	46.6
47.1	14:49:02	53.6	47.1	47.1
47.5	14:49:03	53.6	47.5	47.5
47.9	14:49:04	53.6	47.9	47.9
47.2	14:49:05	53.6	47.2	47.2
46.7	14:49:06	53.6	46.7	46.7
47.4	14:49:07	53.6	47.4	47.4
48.1	14:49:08	53.6	48.1	48.1
49.2	14:49:09	53.6	49.2	49.2
50.4	14:49:10	53.5	50.4	50.4
49.9	14:49:11	53.5	49.9	49.9
48.5	14:49:12	53.5	48.5	48.5
47.0	14:49:13	53.5	47.0	47.0
45.9	14:49:14	53.5	45.9	45.9
45.5	14:49:15	53.5	45.5	45.5
45.1	14:49:16	53.5	45.1	45.1
44.6	14:49:17	53.5	44.6	44.6
44.1	14:49:18	53.5	44.1	44.1
43.9	14:49:19	53.5	43.9	43.9
43.5	14:49:20	53.5	43.5	43.5
43.6	14:49:21	53.5	43.6	43.6
44.7	14:49:22	53.5	44.7	44.7
46.4	14:49:23	53.5	46.4	46.4
46.7	14:49:24	53.5	46.7	46.7
46.5	14:49:25	53.5	46.5	46.5
47.5	14:49:26	53.5	47.5	47.5
46.7	14:49:27	53.5	46.7	46.7
45.9	14:49:28	53.5	45.9	45.9
44.4	14:49:29	53.5	44.4	44.4
43.6	14:49:30	53.5	43.6	43.6
43.6	14:49:31	53.5	43.6	43.6
43.4	14:49:32	53.5	43.4	43.4
43.9	14:49:33	53.5	43.9	43.9
44.1	14:49:34	53.5	44.1	44.1
44.3	14:49:35	53.5	44.3	44.3
44.1	14:49:36	53.4	44.1	44.1
43.8	14:49:37	53.4	43.8	43.8
43.7	14:49:38	53.4	43.7	43.7
43.8	14:49:39	53.4	43.8	43.8
43.9	14:49:40	53.4	43.9	43.9
45.3	14:49:41	53.4	45.3	45.3
46.6	14:49:42	53.4	46.6	46.6
46.7	14:49:43	53.4	46.7	46.7
47.4	14:49:44	53.4	47.4	47.4
46.7	14:49:45	53.4	46.7	46.7
46.6	14:49:46	53.3	46.6	46.6
46.5	14:49:47	53.3	46.5	46.5
46.3	14:49:48	53.3	46.3	46.3
45.7	14:49:49	53.3	45.7	45.7
45.9	14:49:50	53.3	45.9	45.9
46.7	14:49:51	53.3	46.7	46.7
46.7	14:49:52	53.3	46.7	46.7
46.4	14:49:53	53.3	46.4	46.4
45.6	14:49:54	53.3	45.6	45.6
45.7	14:49:55	53.3	45.7	45.7
45.9	14:49:56	53.3	45.9	45.9
45.9	14:49:57	53.3	45.9	45.9
45.6	14:49:58	53.3	45.6	45.6
45.6	14:49:59	53.3	45.6	45.6
45.6	14:50:00	53.2	45.6	45.6
45.9	14:50:01	53.2	45.9	45.9
45.9	14:50:02	53.2	45.9	45.9
45.7	14:50:03	53.1	45.7	45.7
45.9	14:50:04	53.1	45.9	45.9
46.7	14:50:05	53.1	46.7	46.7
46.9	14:50:06	53.1	46.9	46.9
46.6	14:50:07	53.0	46.6	46.6
46.3	14:50:08	53.0	46.3	46.3
46.8	14:50:09	53.0	46.8	46.8
47.1	14:50:10	53.0	47.1	47.1
46.9	14:50:11	53.0	46.9	46.9
47.5	14:50:12	52.9	47.5	47.5
47.8	14:50:13	52.9	47.8	47.8
48.8	14:50:14	52.9	48.8	48.8
49.8	14:50:15	52.9	49.8	49.8
49.6	14:50:16	52.9	49.6	49.6
49.7	14:50:17	52.8	49.7	49.7
49.3	14:50:18	52.7	49.3	49.3
48.9	14:50:19	52.6	48.9	48.9
49.1	14:50:20	52.5	49.1	49.1
50.1	14:50:21	52.5	50.1	50.1
50.1	14:50:22	52.5	50.1	50.1
50.7	14:50:23	52.5	50.7	50.7

APPENDIX C

RCNM Model Verdugo Campus Construction Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Verdugo Campus - Demolition

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to North	Residential	57.3	57.3	51.7

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	60	5
Excavator	No	40		80.7	110	5
Excavator	No	40		80.7	160	5
Excavator	No	40		80.7	210	5
Dozer	No	40		81.7	260	5
Dozer	No	40		81.7	310	5

		Calculated (dBA)		Results		Noise Limits (dBA)	
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw		83.0	76.0	N/A	N/A	N/A	N/A
Excavator		68.9	64.9	N/A	N/A	N/A	N/A
Excavator		65.6	61.6	N/A	N/A	N/A	N/A
Excavator		63.2	59.3	N/A	N/A	N/A	N/A
Dozer		62.3	58.4	N/A	N/A	N/A	N/A
Dozer		60.8	56.8	N/A	N/A	N/A	N/A
	Total	**83**	**77**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Verdugo Campus - Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to North	Residential	57.3	57.3	51.7

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	40	5
Excavator	No	40		80.7	90	5
Grader	No	40	85		140	5
Dozer	No	40		81.7	190	5
Scraper	No	40		83.6	240	5
Scraper	No	40		83.6	290	5
Tractor	No	40	84		340	5
Front End Loader	No	40		79.1	390	5

	Calculated (dBA)		Results	Noise Limits (dBA)		
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	77.6	73.7	N/A	N/A	N/A	N/A
Excavator	70.6	66.6	N/A	N/A	N/A	N/A
Grader	71.1	67.1	N/A	N/A	N/A	N/A
Dozer	65.1	61.1	N/A	N/A	N/A	N/A
Scraper	65.0	61.0	N/A	N/A	N/A	N/A
Scraper	63.3	59.3	N/A	N/A	N/A	N/A
Tractor	62.3	58.4	N/A	N/A	N/A	N/A
Front End Loader	56.3	52.3	N/A	N/A	N/A	N/A
Total	**78**	**76**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Verdugo Campus - Building Construction

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to North	Residential	57.3	57.3	51.7

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	40	5
Gradall	No	40		83.4	90	5
Gradall	No	40		83.4	140	5
Gradall	No	40		83.4	190	5
Tractor	No	40	84		240	5
Front End Loader	No	40		79.1	290	5
Backhoe	No	40		77.6	340	5
Generator	No	50		80.6	390	5
Welder / Torch	No	40		74	440	5

Equipment	Calculated (dBA) *Lmax	Leq	Results Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq
Crane	77.5	69.5	N/A	N/A	N/A	N/A
Gradall	73.3	69.3	N/A	N/A	N/A	N/A
Gradall	69.5	65.5	N/A	N/A	N/A	N/A
Gradall	66.8	62.8	N/A	N/A	N/A	N/A
Tractor	65.4	61.4	N/A	N/A	N/A	N/A
Front End Loader	58.8	54.9	N/A	N/A	N/A	N/A
Backhoe	55.9	51.9	N/A	N/A	N/A	N/A
Generator	57.8	54.8	N/A	N/A	N/A	N/A
Welder / Torch	50.1	46.1	N/A	N/A	N/A	N/A
Total	**78**	**74**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Verdugo Campus - Paving

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to North	Residential	57.3	57.3	51.7

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	40	5
Paver	No	50		77.2	90	5
Paver	No	50		77.2	140	5
Paver	No	50		77.2	190	5
Roller	No	20		80	240	5
Roller	No	20		80	290	5

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Noise Limits (dBA) Day Leq	Evening Lmax	Evening Leq
Paver	74.2	71.1	N/A	N/A	N/A	N/A
Paver	67.1	64.1	N/A	N/A	N/A	N/A
Paver	63.3	60.3	N/A	N/A	N/A	N/A
Paver	60.6	57.6	N/A	N/A	N/A	N/A
Roller	61.4	54.4	N/A	N/A	N/A	N/A
Roller	59.7	52.7	N/A	N/A	N/A	N/A
Total	**74**	**73**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Verdugo Campus - Painting

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to North	Residential	57.3	57.3	51.7

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	40	5

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		74.6	70.6	N/A	N/A	N/A	N/A
	Total	**75**	**71**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

APPENDIX D

RCNM Model Garfield Campus Construction Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Garfield Campus - Demolition

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to West	Residential	56.9	56.9	47.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	100	0
Excavator	No	40		80.7	150	0
Excavator	No	40		80.7	200	0
Excavator	No	40		80.7	250	0
Dozer	No	40		81.7	300	0
Dozer	No	40		81.7	350	0

		Calculated (dBA)		Results		Noise Limits (dBA)	
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw		83.6	76.6	N/A	N/A	N/A	N/A
Excavator		71.2	67.2	N/A	N/A	N/A	N/A
Excavator		68.7	64.7	N/A	N/A	N/A	N/A
Excavator		66.7	62.8	N/A	N/A	N/A	N/A
Dozer		66.1	62.1	N/A	N/A	N/A	N/A
Dozer		64.8	60.8	N/A	N/A	N/A	N/A
	Total	**84**	**78**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Garfield Campus - Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to West	Residential	56.9	56.9	47.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	80	0
Grader	No	40	85		130	0
Dozer	No	40		81.7	180	0
Tractor	No	40	84		230	0
Front End Loader	No	40		79.1	280	0
Backhoe	No	40		77.6	330	0

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	76.6	72.6	N/A	N/A	N/A	N/A
Grader	76.7	72.7	N/A	N/A	N/A	N/A
Dozer	70.5	66.6	N/A	N/A	N/A	N/A
Tractor	70.7	66.8	N/A	N/A	N/A	N/A
Front End Loader	64.1	60.2	N/A	N/A	N/A	N/A
Backhoe	61.2	57.2	N/A	N/A	N/A	N/A
Total	**77**	**77**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Garfield Campus - Building Construction

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to West	Residential	56.9	56.9	47.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	100	0
Gradall	No	40		83.4	150	0
Gradall	No	40		83.4	200	0
Gradall	No	40		83.4	250	0
Tractor	No	40	84		300	0
Front End Loader	No	40		79.1	350	0
Backhoe	No	40		77.6	400	0
Generator	No	50		80.6	450	0
Welder / Torch	No	40		74	500	0

Equipment		Calculated (dBA) *Lmax	Leq	Results Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq
Crane		74.5	66.6	N/A	N/A	N/A	N/A
Gradall		73.9	69.9	N/A	N/A	N/A	N/A
Gradall		71.4	67.4	N/A	N/A	N/A	N/A
Gradall		69.4	65.4	N/A	N/A	N/A	N/A
Tractor		68.4	64.5	N/A	N/A	N/A	N/A
Front End Loader		62.2	58.2	N/A	N/A	N/A	N/A
Backhoe		59.5	55.5	N/A	N/A	N/A	N/A
Generator		61.5	58.5	N/A	N/A	N/A	N/A
Welder / Torch		54.0	50.0	N/A	N/A	N/A	N/A
	Total	**75**	**74**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Garfield Campus - Paving

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to West	Residential	56.9	56.9	47.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	60	0
Concrete Mixer Truck	No	40		78.8	110	0
Paver	No	50		77.2	160	0
Paver	No	50		77.2	210	0
Paver	No	50		77.2	260	0
Roller	No	20		80	310	0
Roller	No	20		80	360	0
Tractor	No	40	84		410	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq
Concrete Mixer Truck	77.2	73.2	N/A	N/A	N/A	N/A
Concrete Mixer Truck	72.0	68.0	N/A	N/A	N/A	N/A
Paver	67.1	64.1	N/A	N/A	N/A	N/A
Paver	64.8	61.7	N/A	N/A	N/A	N/A
Paver	62.9	59.9	N/A	N/A	N/A	N/A
Roller	64.2	57.2	N/A	N/A	N/A	N/A
Roller	62.9	55.9	N/A	N/A	N/A	N/A
Tractor	65.7	61.7	N/A	N/A	N/A	N/A
Total	**77**	**75**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Garfield Campus - Painting

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to West	Residential	56.9	56.9	47.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	100	0

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		71.6	67.7	N/A	N/A	N/A	N/A
	Total	**72**	**68**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

APPENDIX E

RCNM Model Montrose Campus Construction Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Montrose Campus - Demolition

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to South	Residential	55.5	55.5	47.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	45	5
Dozer	No	40		81.7	95	5
Tractor	No	40	84		145	5
Front End Loader	No	40		79.1	195	5
Backhoe	No	40		77.6	245	5

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Noise Limits (dBA) Day Leq	Evening Lmax	Evening Leq
Concrete Saw	85.5	78.5	N/A	N/A	N/A	N/A
Dozer	71.1	67.1	N/A	N/A	N/A	N/A
Tractor	69.8	65.8	N/A	N/A	N/A	N/A
Front End Loader	62.3	58.3	N/A	N/A	N/A	N/A
Backhoe	58.8	54.8	N/A	N/A	N/A	N/A
Total	**86**	**79**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Montrose Campus - Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to South	Residential	55.5	55.5	47.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		45	5
Dozer	No	40		81.7	95	5
Tractor	No	40	84		145	5

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	80.9	76.9	N/A	N/A	N/A	N/A
Dozer	71.1	67.1	N/A	N/A	N/A	N/A
Tractor	69.8	65.8	N/A	N/A	N/A	N/A
Total	**81**	**78**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Montrose Campus - Building Construction

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to South	Residential	55.5	55.5	47.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	45	5
Gradall	No	40		83.4	95	5
Tractor	No	40	84		145	5
Generator	No	50		80.6	195	5
Welder / Torch	No	40		74	245	5
Welder / Torch	No	40		74	295	5
Welder / Torch	No	40		74	345	5

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	76.5	68.5	N/A	N/A	N/A	N/A
Gradall	72.8	68.8	N/A	N/A	N/A	N/A
Tractor	69.8	65.8	N/A	N/A	N/A	N/A
Generator	63.8	60.8	N/A	N/A	N/A	N/A
Welder / Torch	55.2	51.2	N/A	N/A	N/A	N/A
Welder / Torch	53.6	49.6	N/A	N/A	N/A	N/A
Welder / Torch	52.2	48.2	N/A	N/A	N/A	N/A
Total	**77**	**73**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Montrose Campus - Paving

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Homes to South	Residential	55.5	55.5	47.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Mixer Truck	No	40		78.8	20	5
Paver	No	50		77.2	70	5
Paver	No	50		77.2	120	5
Roller	No	20		80	170	5
Tractor	No	40	84		220	5

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Noise Limits (dBA) Leq	Evening Lmax	Leq
Concrete Mixer Truck	81.8	77.8	N/A	N/A	N/A	N/A
Paver	69.3	66.3	N/A	N/A	N/A	N/A
Paver	64.6	61.6	N/A	N/A	N/A	N/A
Roller	64.4	57.4	N/A	N/A	N/A	N/A
Tractor	66.1	62.2	N/A	N/A	N/A	N/A
Total	**82**	**78**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 10/7/2020
Case Description: GCCD Facilities Master Plan - Montrose Campus - Painting

				---- Receptor #1 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Homes to South	Residential	55.5	55.5	47.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	45	5

				Results			
		Calculated (dBA)			Noise Limits (dBA)		
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		73.6	69.6	N/A	N/A	N/A	N/A
	Total	**74**	**70**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

APPENDIX F

FHWA Model Offsite Traffic Noise Calculation Printouts

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Verdugo Road **Segment: North of Towne Street**

Average Daily Traffic: 16450 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.05	-0.87	-1.20	64.10	61.73	60.43	54.38	62.81	63.44	70 dBA:	**24**	**25**
Medium Trucks	74.83	-13.81	-0.87	-1.20	58.95	39.74	31.96	41.17	47.32	47.36	65 dBA:	**51**	**55**
Heavy Trucks	80.05	-11.59	-0.87	-1.20	66.39	49.40	41.61	50.82	56.98	57.01	60 dBA:	**109**	**118**
				Total:	**68.87**	**62.00**	**60.50**	**56.11**	**63.91**	**64.42**	55 dBA:	**236**	**255**

Road Name: Verdugo Road **Segment: South of Mountain Street**

Average Daily Traffic: 40320 Vehicles Vehicle Speed: 40 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 70 FEET FROM CENTERLINE (Equiv. Lane Dist: 54.44 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	67.36	4.37	-0.66	-1.20	69.87	67.50	66.20	60.15	68.58	69.21	70 dBA:	**64**	**70**
Medium Trucks	76.31	-10.50	-0.66	-1.20	63.96	44.75	36.97	46.17	52.33	52.36	65 dBA:	**139**	**151**
Heavy Trucks	81.16	-8.28	-0.66	-1.20	71.02	54.03	46.25	55.46	61.61	61.65	60 dBA:	**299**	**324**
				Total:	**73.95**	**67.71**	**66.25**	**61.55**	**69.46**	**69.99**	55 dBA:	**644**	**699**

Road Name: Mountain Street **Segment: East of Verdugo Road**

Average Daily Traffic: 24780 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 110 FEET FROM CENTERLINE (Equiv. Lane Dist: 100.82 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.83	-4.67	-1.20	62.07	59.70	58.41	52.35	60.78	61.41	70 dBA:	**32**	**34**
Medium Trucks	74.83	-12.03	-4.67	-1.20	56.92	37.71	29.93	39.14	45.30	45.33	65 dBA:	**68**	**74**
Heavy Trucks	80.05	-9.82	-4.67	-1.20	64.36	47.37	39.59	48.80	54.95	54.98	60 dBA:	**147**	**159**
				Total:	**66.84**	**59.97**	**58.47**	**54.08**	**61.89**	**62.39**	55 dBA:	**317**	**342**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Adams Street **Segment: South of Garfield Avenue**

Average Daily Traffic: 4030 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Urban Collector

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-3.35	0.00	-1.20	54.90	52.78	51.46	45.45	53.87	54.50	70 dBA:	**4**	**5**
Medium Trucks	71.09	-20.58	0.00	-1.20	49.31	28.06	34.08	15.79	28.93	31.68	65 dBA:	**9**	**10**
Heavy Trucks	78.74	-24.54	0.00	-1.20	53.00	27.65	24.25	28.90	35.10	35.20	60 dBA:	**20**	**22**
				Total:	**57.74**	**52.80**	**51.55**	**45.55**	**53.94**	**54.57**	55 dBA:	**43**	**47**

Road Name: Chevy Chase Drive **Segment: North of Garfield Avenue**

Average Daily Traffic: 12000 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.32	-0.87	-1.20	62.73	60.36	59.06	53.01	61.44	62.07	70 dBA:	**19**	**21**
Medium Trucks	74.83	-15.18	-0.87	-1.20	57.58	38.37	30.59	39.80	45.95	45.99	65 dBA:	**41**	**44**
Heavy Trucks	80.05	-12.96	-0.87	-1.20	65.02	48.03	40.24	49.45	55.61	55.64	60 dBA:	**89**	**96**
				Total:	**67.50**	**60.63**	**59.13**	**54.74**	**62.54**	**63.05**	55 dBA:	**191**	**206**

Road Name: Chevy Chase Drive **Segment: South of Garfield Avenue**

Average Daily Traffic: 11100 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.65	-0.87	-1.20	62.39	60.02	58.72	52.67	61.10	61.73	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.52	-0.87	-1.20	57.24	38.03	30.25	39.46	45.61	45.65	65 dBA:	**39**	**42**
Heavy Trucks	80.05	-13.30	-0.87	-1.20	64.68	47.69	39.91	49.11	55.27	55.30	60 dBA:	**84**	**91**
				Total:	**67.16**	**60.29**	**58.79**	**54.40**	**62.20**	**62.71**	55 dBA:	**181**	**196**

Road Name: Acacia Avenue **Segment: West of Chevy Chase Drive**

Average Daily Traffic: 1120 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.91	1.45	-1.20	50.79	48.66	47.35	41.34	49.76	50.38	70 dBA:	**2**	**2**
Medium Trucks	71.09	-26.14	1.45	-1.20	45.19	23.95	29.97	11.67	24.82	27.57	65 dBA:	**4**	**4**
Heavy Trucks	78.74	-30.10	1.45	-1.20	48.89	23.54	20.14	24.79	30.99	31.08	60 dBA:	**8**	**9**
				Total:	**53.62**	**48.69**	**47.44**	**41.44**	**49.83**	**50.46**	55 dBA:	**18**	**20**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 400 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-13.38	3.41	-1.20	48.27	46.15	44.83	38.82	47.24	47.87	70 dBA:	**1**	**1**
Medium Trucks	71.09	-30.62	3.41	-1.20	42.68	21.43	27.45	9.16	22.30	25.05	65 dBA:	**2**	**2**
Heavy Trucks	78.74	-34.57	3.41	-1.20	46.38	21.02	17.62	22.27	28.47	28.57	60 dBA:	**4**	**5**
				Total:	**51.11**	**46.17**	**44.92**	**38.92**	**47.31**	**47.94**	55 dBA:	**9**	**10**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 18830 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.64	-0.21	-1.20	65.34	62.97	61.67	55.62	64.05	64.68	70 dBA:	**26**	**28**
Medium Trucks	74.83	-13.23	-0.21	-1.20	60.19	40.98	33.20	42.41	48.56	48.60	65 dBA:	**56**	**61**
Heavy Trucks	80.05	-11.01	-0.21	-1.20	67.63	50.64	42.86	52.06	58.22	58.25	60 dBA:	**121**	**131**
				Total:	**70.11**	**63.24**	**61.74**	**57.35**	**65.15**	**65.66**	55 dBA:	**261**	**282**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 22430 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.40	0.53	-1.20	66.84	64.47	63.17	57.12	65.55	66.18	70 dBA:	**30**	**32**
Medium Trucks	74.83	-12.47	0.53	-1.20	61.69	42.48	34.70	43.91	50.06	50.10	65 dBA:	**64**	**70**
Heavy Trucks	80.05	-10.25	0.53	-1.20	69.13	52.14	44.36	53.56	59.72	59.75	60 dBA:	**139**	**150**
				Total:	**71.61**	**64.74**	**63.24**	**58.85**	**66.65**	**67.16**	55 dBA:	**299**	**323**

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 9770 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-1.21	0.53	-1.20	63.23	60.86	59.56	53.51	61.94	62.57	70 dBA:	**17**	**19**
Medium Trucks	74.83	-16.08	0.53	-1.20	58.08	38.87	31.09	40.30	46.45	46.49	65 dBA:	**37**	**40**
Heavy Trucks	80.05	-13.86	0.53	-1.20	65.52	48.53	40.75	49.95	56.11	56.14	60 dBA:	**80**	**86**
				Total:	**68.00**	**61.13**	**59.63**	**55.24**	**63.04**	**63.55**	55 dBA:	**172**	**186**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 5880 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.70	1.45	-1.20	57.99	55.86	54.55	48.54	56.96	57.59	70 dBA:	**5**	**6**
Medium Trucks	71.09	-18.94	1.45	-1.20	52.40	31.15	37.17	18.87	32.02	34.77	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.90	1.45	-1.20	56.09	30.74	27.34	31.99	38.19	38.29	60 dBA:	**25**	**28**
				Total:	**60.83**	**55.89**	**54.64**	**48.64**	**57.03**	**57.66**	55 dBA:	**55**	**60**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 5770 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.79	1.45	-1.20	57.91	55.78	54.47	48.46	56.88	57.50	70 dBA:	**5**	**6**
Medium Trucks	71.09	-19.02	1.45	-1.20	52.31	31.06	37.09	18.79	31.94	34.69	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.98	1.45	-1.20	56.01	30.66	27.26	31.91	38.11	38.20	60 dBA:	**25**	**28**
				Total:	**60.74**	**55.81**	**54.56**	**48.56**	**56.95**	**57.58**	55 dBA:	**54**	**59**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Verdugo Road **Segment: North of Towne Street**

Average Daily Traffic: 16570 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.09	-0.87	-1.20	64.13	61.76	60.46	54.41	62.84	63.47	70 dBA:	**24**	**26**
Medium Trucks	74.83	-13.78	-0.87	-1.20	58.98	39.77	31.99	41.20	47.35	47.39	65 dBA:	**51**	**55**
Heavy Trucks	80.05	-11.56	-0.87	-1.20	66.42	49.43	41.65	50.85	57.01	57.04	60 dBA:	**110**	**119**
				Total:	**68.90**	**62.03**	**60.53**	**56.14**	**63.94**	**64.45**	55 dBA:	**237**	**256**

Road Name: Verdugo Road **Segment: South of Mountain Street**

Average Daily Traffic: 40440 Vehicles Vehicle Speed: 40 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 70 FEET FROM CENTERLINE (Equiv. Lane Dist: 54.44 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	67.36	4.38	-0.66	-1.20	69.88	67.51	66.22	60.16	68.59	69.22	70 dBA:	**65**	**70**
Medium Trucks	76.31	-10.49	-0.66	-1.20	63.97	44.76	36.98	46.19	52.34	52.37	65 dBA:	**139**	**151**
Heavy Trucks	81.16	-8.27	-0.66	-1.20	71.03	54.04	46.26	55.47	61.62	61.66	60 dBA:	**300**	**325**
				Total:	**73.96**	**67.72**	**66.27**	**61.56**	**69.47**	**70.00**	55 dBA:	**646**	**700**

Road Name: Mountain Street **Segment: East of Verdugo Road**

Average Daily Traffic: 25270 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 110 FEET FROM CENTERLINE (Equiv. Lane Dist: 100.82 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.92	-4.67	-1.20	62.16	59.78	58.49	52.44	60.87	61.50	70 dBA:	**32**	**35**
Medium Trucks	74.83	-11.95	-4.67	-1.20	57.01	37.80	30.02	39.23	45.38	45.41	65 dBA:	**69**	**75**
Heavy Trucks	80.05	-9.73	-4.67	-1.20	64.44	47.45	39.67	48.88	55.04	55.07	60 dBA:	**149**	**161**
				Total:	**66.93**	**60.06**	**58.55**	**54.16**	**61.97**	**62.48**	55 dBA:	**321**	**347**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Adams Street **Segment: South of Garfield Avenue**

Average Daily Traffic: 4090 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Urban Collector

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-3.28	0.00	-1.20	54.96	52.84	51.53	45.51	53.93	54.56	70 dBA:	**4**	**5**
Medium Trucks	71.09	-20.52	0.00	-1.20	49.37	28.12	34.14	15.85	28.99	31.75	65 dBA:	**9**	**10**
Heavy Trucks	78.74	-24.48	0.00	-1.20	53.07	27.72	24.32	28.97	35.17	35.26	60 dBA:	**20**	**22**
				Total:	**57.80**	**52.87**	**51.61**	**45.61**	**54.01**	**54.63**	55 dBA:	**43**	**47**

Road Name: Chevy Chase Drive **Segment: North of Garfield Avenue**

Average Daily Traffic: 12600 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.10	-0.87	-1.20	62.94	60.57	59.27	53.22	61.65	62.28	70 dBA:	**20**	**21**
Medium Trucks	74.83	-14.97	-0.87	-1.20	57.79	38.58	30.80	40.01	46.16	46.20	65 dBA:	**43**	**46**
Heavy Trucks	80.05	-12.75	-0.87	-1.20	65.23	48.24	40.46	49.66	55.82	55.85	60 dBA:	**92**	**99**
				Total:	**67.71**	**60.84**	**59.34**	**54.95**	**62.76**	**63.26**	55 dBA:	**197**	**213**

Road Name: Chevy Chase Drive **Segment: South of Garfield Avenue**

Average Daily Traffic: 11160 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.63	-0.87	-1.20	62.41	60.04	58.75	52.69	61.12	61.76	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.50	-0.87	-1.20	57.26	38.06	30.27	39.48	45.64	45.67	65 dBA:	**39**	**42**
Heavy Trucks	80.05	-13.28	-0.87	-1.20	64.70	47.71	39.93	49.14	55.29	55.33	60 dBA:	**84**	**91**
				Total:	**67.18**	**60.31**	**58.81**	**54.42**	**62.23**	**62.73**	55 dBA:	**182**	**197**

Road Name: Acacia Avenue **Segment: West of Chevy Chase Drive**

Average Daily Traffic: 1180 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.68	1.45	-1.20	51.01	48.89	47.58	41.56	49.98	50.61	70 dBA:	**2**	**2**
Medium Trucks	71.09	-25.92	1.45	-1.20	45.42	24.17	30.19	11.90	25.04	27.80	65 dBA:	**4**	**4**
Heavy Trucks	78.74	-29.87	1.45	-1.20	49.12	23.77	20.37	25.02	31.22	31.31	60 dBA:	**9**	**10**
				Total:	**53.85**	**48.92**	**47.66**	**41.66**	**50.05**	**50.68**	55 dBA:	**19**	**21**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 600 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-11.62	3.41	-1.20	50.03	47.91	46.59	40.58	49.00	49.63	70 dBA:	**1**	**1**
Medium Trucks	71.09	-28.86	3.41	-1.20	44.44	23.19	29.21	10.92	24.06	26.81	65 dBA:	**3**	**3**
Heavy Trucks	78.74	-32.81	3.41	-1.20	48.14	22.79	19.39	24.03	30.23	30.33	60 dBA:	**6**	**6**
				Total:	**52.87**	**47.93**	**46.68**	**40.68**	**49.07**	**49.70**	55 dBA:	**12**	**13**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 19150 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.71	-0.21	-1.20	65.41	63.04	61.75	55.69	64.12	64.76	70 dBA:	**26**	**29**
Medium Trucks	74.83	-13.15	-0.21	-1.20	60.26	41.06	33.27	42.48	48.64	48.67	65 dBA:	**57**	**62**
Heavy Trucks	80.05	-10.93	-0.21	-1.20	67.70	50.71	42.93	52.14	58.29	58.33	60 dBA:	**123**	**133**
				Total:	**70.18**	**63.31**	**61.81**	**57.42**	**65.23**	**65.73**	55 dBA:	**264**	**286**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 23330 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.57	0.53	-1.20	67.01	64.64	63.34	57.29	65.72	66.35	70 dBA:	**31**	**33**
Medium Trucks	74.83	-12.30	0.53	-1.20	61.86	42.65	34.87	44.08	50.23	50.27	65 dBA:	**66**	**71**
Heavy Trucks	80.05	-10.08	0.53	-1.20	69.30	52.31	44.53	53.73	59.89	59.92	60 dBA:	**143**	**154**
				Total:	**71.78**	**64.91**	**63.41**	**59.02**	**66.83**	**67.33**	55 dBA:	**307**	**332**

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 10540 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.88	0.53	-1.20	63.56	61.19	59.89	53.84	62.27	62.90	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.75	0.53	-1.20	58.41	39.20	31.42	40.63	46.78	46.82	65 dBA:	**39**	**42**
Heavy Trucks	80.05	-13.53	0.53	-1.20	65.85	48.86	41.08	50.28	56.44	56.47	60 dBA:	**84**	**91**
				Total:	**68.33**	**61.46**	**59.96**	**55.57**	**63.37**	**63.88**	55 dBA:	**181**	**195**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 6010 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.61	1.45	-1.20	58.08	55.96	54.65	48.63	57.05	57.68	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.85	1.45	-1.20	52.49	31.24	37.26	18.97	32.11	34.87	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.80	1.45	-1.20	56.19	30.84	27.44	32.09	38.29	38.38	60 dBA:	**26**	**28**
				Total:	**60.92**	**55.99**	**54.73**	**48.73**	**57.12**	**57.75**	55 dBA:	**55**	**61**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 6040 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.59	1.45	-1.20	58.10	55.98	54.67	48.66	57.08	57.70	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.83	1.45	-1.20	52.51	31.26	37.28	18.99	32.13	34.89	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.78	1.45	-1.20	56.21	30.86	27.46	32.11	38.31	38.40	60 dBA:	**26**	**28**
				Total:	**60.94**	**56.01**	**54.75**	**48.76**	**57.15**	**57.78**	55 dBA:	**56**	**61**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Verdugo Road **Segment: North of Towne Street**

Average Daily Traffic: 16810 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.15	-0.87	-1.20	64.19	61.82	60.53	54.47	62.90	63.53	70 dBA:	**24**	**26**
Medium Trucks	74.83	-13.72	-0.87	-1.20	59.04	39.84	32.05	41.26	47.42	47.45	65 dBA:	**52**	**56**
Heavy Trucks	80.05	-11.50	-0.87	-1.20	66.48	49.49	41.71	50.92	57.07	57.11	60 dBA:	**111**	**120**
				Total:	**68.96**	**62.09**	**60.59**	**56.20**	**64.01**	**64.51**	55 dBA:	**239**	**258**

Road Name: Verdugo Road **Segment: South of Mountain Street**

Average Daily Traffic: 40930 Vehicles Vehicle Speed: 40 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 70 FEET FROM CENTERLINE (Equiv. Lane Dist: 54.44 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	67.36	4.43	-0.66	-1.20	69.93	67.56	66.27	60.21	68.65	69.28	70 dBA:	**65**	**71**
Medium Trucks	76.31	-10.43	-0.66	-1.20	64.02	44.81	37.03	46.24	52.39	52.43	65 dBA:	**140**	**152**
Heavy Trucks	81.16	-8.22	-0.66	-1.20	71.09	54.10	46.31	55.52	61.68	61.71	60 dBA:	**302**	**328**
				Total:	**74.02**	**67.78**	**66.32**	**61.61**	**69.53**	**70.05**	55 dBA:	**651**	**706**

Road Name: Mountain Street **Segment: East of Verdugo Road**

Average Daily Traffic: 25180 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 110 FEET FROM CENTERLINE (Equiv. Lane Dist: 100.82 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.90	-4.67	-1.20	62.14	59.77	58.48	52.42	60.85	61.48	70 dBA:	**32**	**35**
Medium Trucks	74.83	-11.96	-4.67	-1.20	56.99	37.78	30.00	39.21	45.36	45.40	65 dBA:	**69**	**74**
Heavy Trucks	80.05	-9.75	-4.67	-1.20	64.43	47.44	39.66	48.87	55.02	55.05	60 dBA:	**149**	**160**
				Total:	**66.91**	**60.04**	**58.54**	**54.15**	**61.96**	**62.46**	55 dBA:	**320**	**346**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Adams Street **Segment: South of Garfield Avenue**

Average Daily Traffic: 4080 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Urban Collector

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-3.29	0.00	-1.20	54.95	52.83	51.52	45.50	53.92	54.55	70 dBA:	**4**	**5**
Medium Trucks	71.09	-20.53	0.00	-1.20	49.36	28.11	34.13	15.84	28.98	31.74	65 dBA:	**9**	**10**
Heavy Trucks	78.74	-24.49	0.00	-1.20	53.06	27.71	24.31	28.96	35.16	35.25	60 dBA:	**20**	**22**
				Total:	**57.79**	**52.86**	**51.60**	**45.60**	**53.99**	**54.62**	55 dBA:	**43**	**47**

Road Name: Chevy Chase Drive **Segment: North of Garfield Avenue**

Average Daily Traffic: 12140 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.27	-0.87	-1.20	62.78	60.41	59.11	53.06	61.49	62.12	70 dBA:	**19**	**21**
Medium Trucks	74.83	-15.13	-0.87	-1.20	57.63	38.42	30.64	39.85	46.00	46.04	65 dBA:	**41**	**45**
Heavy Trucks	80.05	-12.91	-0.87	-1.20	65.07	48.08	40.30	49.50	55.66	55.69	60 dBA:	**89**	**97**
				Total:	**67.55**	**60.68**	**59.18**	**54.79**	**62.59**	**63.10**	55 dBA:	**192**	**208**

Road Name: Chevy Chase Drive **Segment: South of Garfield Avenue**

Average Daily Traffic: 11240 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.60	-0.87	-1.20	62.44	60.07	58.78	52.72	61.16	61.79	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.47	-0.87	-1.20	57.30	38.09	30.31	39.51	45.67	45.70	65 dBA:	**39**	**43**
Heavy Trucks	80.05	-13.25	-0.87	-1.20	64.73	47.74	39.96	49.17	55.32	55.36	60 dBA:	**85**	**92**
				Total:	**67.21**	**60.34**	**58.84**	**54.45**	**62.26**	**62.76**	55 dBA:	**183**	**198**

Road Name: Acacia Avenue **Segment: West of Chevy Chase Drive**

Average Daily Traffic: 1120 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.91	1.45	-1.20	50.79	48.66	47.35	41.34	49.76	50.38	70 dBA:	**2**	**2**
Medium Trucks	71.09	-26.14	1.45	-1.20	45.19	23.95	29.97	11.67	24.82	27.57	65 dBA:	**4**	**4**
Heavy Trucks	78.74	-30.10	1.45	-1.20	48.89	23.54	20.14	24.79	30.99	31.08	60 dBA:	**8**	**9**
				Total:	**53.62**	**48.69**	**47.44**	**41.44**	**49.83**	**50.46**	55 dBA:	**18**	**20**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	3.41	-1.20	22.25	20.13	18.81	12.80	21.22	21.85	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	3.41	-1.20	16.66	-4.59	1.43	-16.86	-3.72	-0.97	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	3.41	-1.20	20.35	-5.00	-8.40	-3.75	2.45	2.55	60 dBA:	**0**	**0**
				Total:	**25.09**	**20.15**	**18.90**	**12.90**	**21.29**	**21.92**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	-0.21	-1.20	22.59	20.22	18.93	12.87	21.30	21.93	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	-0.21	-1.20	17.44	-1.77	-9.55	-0.34	5.81	5.85	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	-0.21	-1.20	24.88	7.89	0.11	9.32	15.47	15.50	60 dBA:	**0**	**0**
				Total:	**27.36**	**20.49**	**18.99**	**14.60**	**22.41**	**22.91**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	0.53	-1.20	23.33	20.96	19.67	13.61	22.04	22.67	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	0.53	-1.20	18.18	-1.03	-8.81	0.40	6.55	6.59	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	0.53	-1.20	25.62	8.63	0.85	10.06	16.21	16.24	60 dBA:	**0**	**0**
				Total:	**28.10**	**21.23**	**19.73**	**15.34**	**23.15**	**23.65**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	0.53	-1.20	23.33	20.96	19.67	13.61	22.04	22.67	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	0.53	-1.20	18.18	-1.03	-8.81	0.40	6.55	6.59	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	0.53	-1.20	25.62	8.63	0.85	10.06	16.21	16.24	60 dBA:	**0**	**0**
				Total:	**28.10**	**21.23**	**19.73**	**15.34**	**23.15**	**23.65**	55 dBA:	**0**	**0**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	1.45	-1.20	20.29	18.17	16.86	10.85	19.27	19.89	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	1.45	-1.20	14.70	-6.55	-0.53	-18.82	-5.68	-2.92	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	1.45	-1.20	18.40	-6.95	-10.35	-5.70	0.50	0.59	60 dBA:	**0**	**0**
				Total:	**23.13**	**18.20**	**16.94**	**10.95**	**19.34**	**19.96**	55 dBA:	**0**	**0**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	1.45	-1.20	20.29	18.17	16.86	10.85	19.27	19.89	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	1.45	-1.20	14.70	-6.55	-0.53	-18.82	-5.68	-2.92	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	1.45	-1.20	18.40	-6.95	-10.35	-5.70	0.50	0.59	60 dBA:	**0**	**0**
				Total:	**23.13**	**18.20**	**16.94**	**10.95**	**19.34**	**19.96**	55 dBA:	**0**	**0**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Verdugo Road **Segment: North of Towne Street**

Average Daily Traffic: 16870 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.16	-0.87	-1.20	64.21	61.84	60.54	54.49	62.92	63.55	70 dBA:	**24**	**26**
Medium Trucks	74.83	-13.70	-0.87	-1.20	59.06	39.85	32.07	41.28	47.43	47.47	65 dBA:	**52**	**56**
Heavy Trucks	80.05	-11.49	-0.87	-1.20	66.50	49.51	41.72	50.93	57.09	57.12	60 dBA:	**111**	**120**
				Total:	**68.98**	**62.11**	**60.60**	**56.22**	**64.02**	**64.53**	55 dBA:	**240**	**259**

Road Name: Verdugo Road **Segment: South of Mountain Street**

Average Daily Traffic: 41050 Vehicles Vehicle Speed: 40 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 70 FEET FROM CENTERLINE (Equiv. Lane Dist: 54.44 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	67.36	4.45	-0.66	-1.20	69.95	67.58	66.28	60.23	68.66	69.29	70 dBA:	**65**	**71**
Medium Trucks	76.31	-10.42	-0.66	-1.20	64.03	44.82	37.04	46.25	52.41	52.44	65 dBA:	**141**	**152**
Heavy Trucks	81.16	-8.20	-0.66	-1.20	71.10	54.11	46.33	55.54	61.69	61.72	60 dBA:	**303**	**328**
				Total:	**74.03**	**67.79**	**66.33**	**61.62**	**69.54**	**70.07**	55 dBA:	**652**	**707**

Road Name: Mountain Street **Segment: East of Verdugo Road**

Average Daily Traffic: 25670 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Major Arterial

	NOISE PARAMETERS AT 110 FEET FROM CENTERLINE (Equiv. Lane Dist: 100.82 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.99	-4.67	-1.20	62.22	59.85	58.56	52.50	60.94	61.57	70 dBA:	**32**	**35**
Medium Trucks	74.83	-11.88	-4.67	-1.20	57.08	37.87	30.09	39.29	45.45	45.48	65 dBA:	**70**	**75**
Heavy Trucks	80.05	-9.66	-4.67	-1.20	64.51	47.52	39.74	48.95	55.10	55.14	60 dBA:	**150**	**163**
				Total:	**66.99**	**60.12**	**58.62**	**54.23**	**62.04**	**62.54**	55 dBA:	**324**	**350**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Adams Street **Segment: South of Garfield Avenue**

Average Daily Traffic: 4140 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Urban Collector

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 49.18 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-3.23	0.00	-1.20	55.02	52.89	51.58	45.57	53.99	54.61	70 dBA:	**4**	**5**
Medium Trucks	71.09	-20.47	0.00	-1.20	49.42	28.18	34.20	15.90	29.05	31.80	65 dBA:	**9**	**10**
Heavy Trucks	78.74	-24.42	0.00	-1.20	53.12	27.77	24.37	29.02	35.22	35.31	60 dBA:	**20**	**22**
				Total:	**57.85**	**52.92**	**51.67**	**45.67**	**54.06**	**54.69**	55 dBA:	**43**	**48**

Road Name: Chevy Chase Drive **Segment: North of Garfield Avenue**

Average Daily Traffic: 12740 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.06	-0.87	-1.20	62.99	60.62	59.32	53.27	61.70	62.33	70 dBA:	**20**	**21**
Medium Trucks	74.83	-14.92	-0.87	-1.20	57.84	38.63	30.85	40.06	46.21	46.25	65 dBA:	**43**	**46**
Heavy Trucks	80.05	-12.70	-0.87	-1.20	65.28	48.29	40.50	49.71	55.87	55.90	60 dBA:	**92**	**100**
				Total:	**67.76**	**60.89**	**59.39**	**55.00**	**62.80**	**63.31**	55 dBA:	**199**	**215**

Road Name: Chevy Chase Drive **Segment: South of Garfield Avenue**

Average Daily Traffic: 11300 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 56.2 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.58	-0.87	-1.20	62.47	60.10	58.80	52.75	61.18	61.81	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.44	-0.87	-1.20	57.32	38.11	30.33	39.54	45.69	45.73	65 dBA:	**40**	**43**
Heavy Trucks	80.05	-13.23	-0.87	-1.20	64.76	47.77	39.98	49.19	55.35	55.38	60 dBA:	**85**	**92**
				Total:	**67.24**	**60.37**	**58.86**	**54.48**	**62.28**	**62.79**	55 dBA:	**184**	**198**

Road Name: Acacia Avenue **Segment: West of Chevy Chase Drive**

Average Daily Traffic: 1180 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-8.68	1.45	-1.20	51.01	48.89	47.58	41.56	49.98	50.61	70 dBA:	**2**	**2**
Medium Trucks	71.09	-25.92	1.45	-1.20	45.42	24.17	30.19	11.90	25.04	27.80	65 dBA:	**4**	**4**
Heavy Trucks	78.74	-29.87	1.45	-1.20	49.12	23.77	20.37	25.02	31.22	31.31	60 dBA:	**9**	**10**
				Total:	**53.85**	**48.92**	**47.66**	**41.66**	**50.05**	**50.68**	55 dBA:	**19**	**21**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	3.41	-1.20	22.25	20.13	18.81	12.80	21.22	21.85	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	3.41	-1.20	16.66	-4.59	1.43	-16.86	-3.72	-0.97	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	3.41	-1.20	20.35	-5.00	-8.40	-3.75	2.45	2.55	60 dBA:	**0**	**0**
				Total:	**25.09**	**20.15**	**18.90**	**12.90**	**21.29**	**21.92**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	-0.21	-1.20	22.59	20.22	18.93	12.87	21.30	21.93	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	-0.21	-1.20	17.44	-1.77	-9.55	-0.34	5.81	5.85	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	-0.21	-1.20	24.88	7.89	0.11	9.32	15.47	15.50	60 dBA:	**0**	**0**
				Total:	**27.36**	**20.49**	**18.99**	**14.60**	**22.41**	**22.91**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	0.53	-1.20	23.33	20.96	19.67	13.61	22.04	22.67	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	0.53	-1.20	18.18	-1.03	-8.81	0.40	6.55	6.59	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	0.53	-1.20	25.62	8.63	0.85	10.06	16.21	16.24	60 dBA:	**0**	**0**
				Total:	**28.10**	**21.23**	**19.73**	**15.34**	**23.15**	**23.65**	55 dBA:	**0**	**0**

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-41.11	0.53	-1.20	23.33	20.96	19.67	13.61	22.04	22.67	70 dBA:	**0**	**0**
Medium Trucks	74.83	-55.97	0.53	-1.20	18.18	-1.03	-8.81	0.40	6.55	6.59	65 dBA:	**0**	**0**
Heavy Trucks	80.05	-53.76	0.53	-1.20	25.62	8.63	0.85	10.06	16.21	16.24	60 dBA:	**0**	**0**
				Total:	**28.10**	**21.23**	**19.73**	**15.34**	**23.15**	**23.65**	55 dBA:	**0**	**0**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2023 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	1.45	-1.20	20.29	18.17	16.86	10.85	19.27	19.89	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	1.45	-1.20	14.70	-6.55	-0.53	-18.82	-5.68	-2.92	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	1.45	-1.20	18.40	-6.95	-10.35	-5.70	0.50	0.59	60 dBA:	**0**	**0**
				Total:	**23.13**	**18.20**	**16.94**	**10.95**	**19.34**	**19.96**	55 dBA:	**0**	**0**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 1 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-39.40	1.45	-1.20	20.29	18.17	16.86	10.85	19.27	19.89	70 dBA:	**0**	**0**
Medium Trucks	71.09	-56.64	1.45	-1.20	14.70	-6.55	-0.53	-18.82	-5.68	-2.92	65 dBA:	**0**	**0**
Heavy Trucks	78.74	-60.59	1.45	-1.20	18.40	-6.95	-10.35	-5.70	0.50	0.59	60 dBA:	**0**	**0**
				Total:	**23.13**	**18.20**	**16.94**	**10.95**	**19.34**	**19.96**	55 dBA:	**0**	**0**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2025 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evening	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	9.00%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 400 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-13.38	3.41	-1.20	48.27	46.15	44.83	38.82	47.24	47.87	70 dBA:	**1**	**1**
Medium Trucks	71.09	-30.62	3.41	-1.20	42.68	21.43	27.45	9.16	22.30	25.05	65 dBA:	**2**	**2**
Heavy Trucks	78.74	-34.57	3.41	-1.20	46.38	35.13	17.62	22.27	33.56	33.59	60 dBA:	**4**	**5**
				Total:	**51.11**	**46.49**	**44.92**	**38.92**	**47.44**	**48.05**	55 dBA:	**9**	**10**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 19100 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.70	-0.21	-1.20	65.40	63.03	61.74	55.68	64.11	64.74	70 dBA:	**26**	**29**
Medium Trucks	74.83	-13.16	-0.21	-1.20	60.25	41.04	33.26	42.47	48.63	48.66	65 dBA:	**57**	**61**
Heavy Trucks	80.05	-10.95	-0.21	-1.20	67.69	50.70	42.92	52.13	58.28	58.31	60 dBA:	**122**	**132**
				Total:	**70.17**	**63.30**	**61.80**	**57.41**	**65.22**	**65.72**	55 dBA:	**264**	**285**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 22800 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.47	0.53	-1.20	66.91	64.54	63.24	57.19	65.62	66.25	70 dBA:	**30**	**33**
Medium Trucks	74.83	-12.40	0.53	-1.20	61.76	42.55	34.77	43.98	50.13	50.17	65 dBA:	**65**	**70**
Heavy Trucks	80.05	-10.18	0.53	-1.20	69.20	52.21	44.43	53.63	59.79	59.82	60 dBA:	**140**	**152**
				Total:	**71.68**	**64.81**	**63.31**	**58.92**	**66.73**	**67.23**	55 dBA:	**302**	**327**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2025 WITHOUT PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 9620 Vehicles | Vehicle Speed: 35 MPH | Vehicle Mix: 2 | Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-1.28	0.53	-1.20	63.16	60.79	59.50	53.44	61.87	62.50	70 dBA:	**17**	**18**
Medium Trucks	74.83	-16.14	0.53	-1.20	58.01	38.81	31.02	40.23	46.39	46.42	65 dBA:	**37**	**40**
Heavy Trucks	80.05	-13.92	0.53	-1.20	65.45	48.46	40.68	49.89	56.04	56.08	60 dBA:	**79**	**85**
				Total:	**67.93**	**61.06**	**59.56**	**55.17**	**62.98**	**63.48**	55 dBA:	**170**	**184**

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 5950 Vehicles | Vehicle Speed: 25 MPH | Vehicle Mix: 1 | Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.65	1.45	-1.20	58.04	55.92	54.60	48.59	57.01	57.64	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.89	1.45	-1.20	52.45	31.20	37.22	18.93	32.07	34.82	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.85	1.45	-1.20	56.14	44.90	27.39	32.04	43.33	43.36	60 dBA:	**26**	**29**
				Total:	**60.88**	**56.26**	**54.69**	**48.69**	**57.21**	**57.82**	55 dBA:	**56**	**62**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 5840 Vehicles | Vehicle Speed: 25 MPH | Vehicle Mix: 1 | Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.73	1.45	-1.20	57.96	55.83	54.52	48.51	56.93	57.56	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.97	1.45	-1.20	52.37	31.12	37.14	18.84	31.99	34.74	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.93	1.45	-1.20	56.06	44.81	27.31	31.96	43.24	43.27	60 dBA:	**26**	**28**
				Total:	**60.80**	**56.18**	**54.61**	**48.61**	**57.12**	**57.74**	55 dBA:	**55**	**61**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2025 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

	Vehicle Mix 1 (Local)				Vehicle Mix 2 (Arterials)				Vehicle Mix 3 (I-10)			
Vehicle Type	Day	Evening	Night	Daily	Day	Evening	Night	Daily	Day	Evenin	Night	Daily
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	60.83%	8.29%	23.04%	92.16%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	1.71%	0.29%	0.86%	2.85%
Heavy Trucks	9.00%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	2.54%	0.45%	1.99%	4.99%

Road Name: Wickham Way **Segment: North of Broadview Drive**

Average Daily Traffic: 600 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Local

	NOISE PARAMETERS AT 30 FEET FROM CENTERLINE (Equiv. Lane Dist: 29.17 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-11.62	3.41	-1.20	50.03	47.91	46.59	40.58	49.00	49.63	70 dBA:	**1**	**1**
Medium Trucks	71.09	-28.86	3.41	-1.20	44.44	23.19	29.21	10.92	24.06	26.81	65 dBA:	**3**	**3**
Heavy Trucks	78.74	-32.81	3.41	-1.20	48.14	36.89	19.39	24.03	35.32	35.35	60 dBA:	**6**	**6**
				Total:	**52.87**	**48.25**	**46.68**	**40.68**	**49.20**	**49.81**	55 dBA:	**12**	**14**

Road Name: Oceanview Boulevard **Segment: North of I-210 WB Ramps**

Average Daily Traffic: 19220 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 55 FEET FROM CENTERLINE (Equiv. Lane Dist: 50.83 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	1.73	-0.21	-1.20	65.43	63.06	61.76	55.71	64.14	64.77	70 dBA:	**27**	**29**
Medium Trucks	74.83	-13.14	-0.21	-1.20	60.28	41.07	33.29	42.50	48.65	48.69	65 dBA:	**57**	**62**
Heavy Trucks	80.05	-10.92	-0.21	-1.20	67.72	50.73	42.95	52.15	58.31	58.34	60 dBA:	**123**	**133**
				Total:	**70.20**	**63.33**	**61.83**	**57.44**	**65.24**	**65.75**	55 dBA:	**265**	**286**

Road Name: Oceanview Boulevard **Segment: North of Montrose Avenue**

Average Daily Traffic: 23460 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to**		
	Noise Adjustments				**Unmitigated Noise Levels**						**Noise Contour (in feet)**		
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	2.60	0.53	-1.20	67.03	64.66	63.37	57.31	65.75	66.38	70 dBA:	**31**	**33**
Medium Trucks	74.83	-12.27	0.53	-1.20	61.89	42.68	34.90	44.10	50.26	50.29	65 dBA:	**66**	**72**
Heavy Trucks	80.05	-10.05	0.53	-1.20	69.32	52.33	44.55	53.76	59.91	59.95	60 dBA:	**143**	**155**
				Total:	**71.80**	**64.93**	**63.43**	**59.04**	**66.85**	**67.35**	55 dBA:	**308**	**333**

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: YEAR 2025 WITH PROJECT CONDITIONS

Project: GCD 2019 FMPU
Site Conditions: Soft

Road Name: Oceanview Boulevard **Segment: North of Honolulu Avenue**

Average Daily Traffic: 10620 Vehicles Vehicle Speed: 35 MPH Vehicle Mix: 2 Roadway Classification: Minor Arterial

	NOISE PARAMETERS AT 50 FEET FROM CENTERLINE (Equiv. Lane Dist: 45.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	65.11	-0.85	0.53	-1.20	63.59	61.22	59.93	53.87	62.30	62.93	70 dBA:	**18**	**20**
Medium Trucks	74.83	-15.71	0.53	-1.20	58.44	39.24	31.45	40.66	46.82	46.85	65 dBA:	**39**	**42**
Heavy Trucks	80.05	-13.50	0.53	-1.20	65.88	48.89	41.11	50.32	56.47	56.50	60 dBA:	**84**	**91**
				Total:	**68.36**	**61.49**	**59.99**	**55.60**	**63.41**	**63.91**	55 dBA:	**182**	**196**

Road Name: Broadview Drive **Segment: West of Wickham Way**

Average Daily Traffic: 6020 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.60	1.45	-1.20	58.09	55.97	54.65	48.64	57.06	57.69	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.84	1.45	-1.20	52.50	31.25	37.27	18.98	32.12	34.87	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.80	1.45	-1.20	56.20	44.95	27.44	32.09	43.38	43.41	60 dBA:	**26**	**29**
				Total:	**60.93**	**56.31**	**54.74**	**48.74**	**57.26**	**57.87**	55 dBA:	**57**	**62**

Road Name: Broadview Drive **Segment: East of Wickham Way**

Average Daily Traffic: 6050 Vehicles Vehicle Speed: 25 MPH Vehicle Mix: 1 Roadway Classification: Neighborhood Collector

	NOISE PARAMETERS AT 40 FEET FROM CENTERLINE (Equiv. Lane Dist: 39.38 ft)										**Centerline Distance to Noise Contour (in feet)**		
	Noise Adjustments				**Unmitigated Noise Levels**								
Vehicle Type	REMEL	Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		Ldn	CNEL
Automobiles	59.44	-1.58	1.45	-1.20	58.11	55.99	54.68	48.66	57.08	57.71	70 dBA:	**6**	**6**
Medium Trucks	71.09	-18.82	1.45	-1.20	52.52	31.27	37.29	19.00	32.14	34.89	65 dBA:	**12**	**13**
Heavy Trucks	78.74	-22.77	1.45	-1.20	56.22	44.97	27.47	32.12	43.40	43.43	60 dBA:	**26**	**29**
				Total:	**60.95**	**56.33**	**54.76**	**48.76**	**57.28**	**57.89**	55 dBA:	**57**	**62**

APPENDIX G

Operational Reference Noise Measurement Printout

Measurement Report

Report Summary

Meter's File Name	831_Data.004	Computer's File Name	SLM_0002509_831_Data_004.02.ldbin
Meter	831		
Firmware	2.314		
User	GT	Location	
Description	Riverside - The Motorcycle Company - Phase 3		
Note	On Roof - Approx 6 feet from HVAC Unit		

Start Time	2020-05-09 13:23:15	Duration	0:10:00.2		
End Time	2020-05-09 13:33:15	Run Time	0:10:00.2	Pause Time	0:00:00.0

Results

Overall Metrics

LA_{eq}	65.1 dB		
LAE	92.9 dB	SEA	--- dB
EA	214.7 µPa²h		
LZ_{peak}	106.4 dB	2020-05-09 13:25:40	
LAS_{max}	80.1 dB	2020-05-09 13:25:19	
LAS_{min}	55.1 dB	2020-05-09 13:30:14	
LA_{eq}	65.1 dB		
LC_{eq}	78.1 dB	LC_{eq} - LA_{eq}	13.0 dB
LAI_{eq}	68.9 dB	LAI_{eq} - LA_{eq}	3.8 dB

Exceedances	Count	Duration
LAS > 65.0 dB	16	0:02:46.5
LAS > 85.0 dB	0	0:00:00.0
LZpeak > 135.0 dB	0	0:00:00.0
LZpeak > 137.0 dB	0	0:00:00.0
LZpeak > 140.0 dB	0	0:00:00.0

Community Noise	LDN	LDay	LNight
	65.1 dB	65.1 dB	0.0 dB

	LDEN	LDay	LEve	LNight
	65.1 dB	65.1 dB	--- dB	--- dB

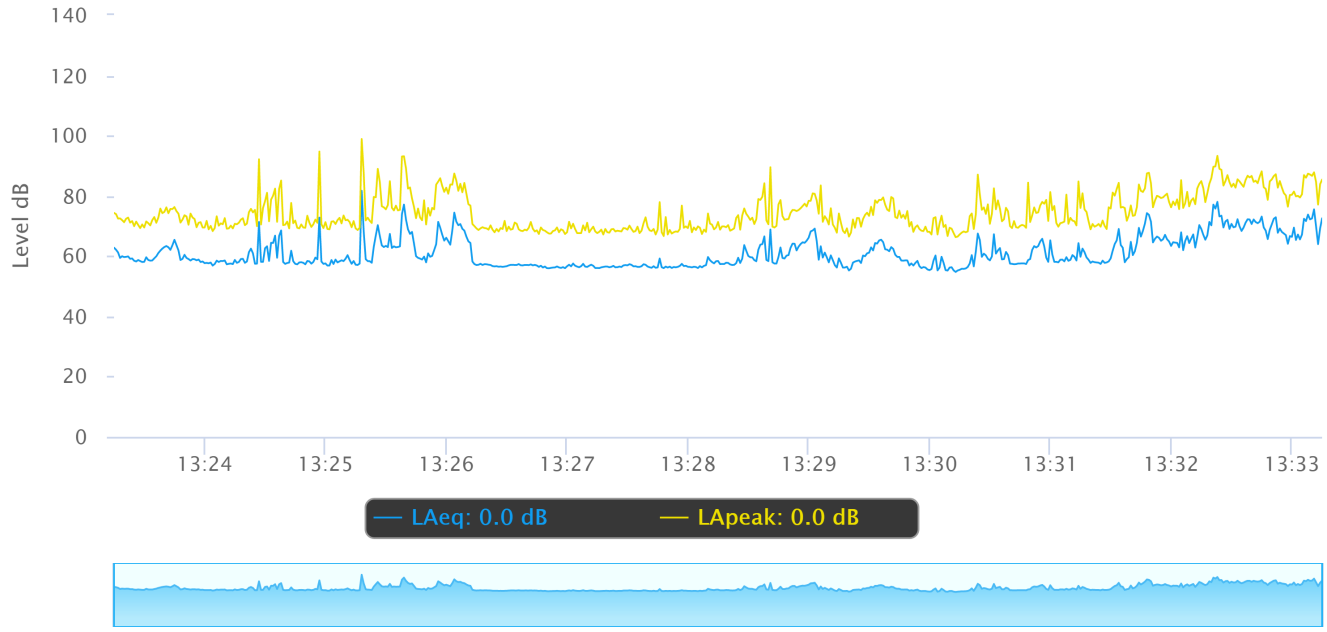
Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L_{eq}	65.1 dB		78.1 dB		80.9 dB	
$LS_{(max)}$	80.1 dB	2020-05-09 13:25:19	91.6 dB	2020-05-09 13:26:05	97.4 dB	2020-05-09 13:23:15
$LF_{(max)}$	84.7 dB	2020-05-09 13:25:18	95.4 dB	2020-05-09 13:25:40	97.5 dB	2020-05-09 13:23:15
$LI_{(max)}$	86.7 dB	2020-05-09 13:25:18	97.5 dB	2020-05-09 13:25:40	99.6 dB	2020-05-09 13:23:15
$LS_{(min)}$	55.1 dB	2020-05-09 13:30:14	64.7 dB	2020-05-09 13:30:02	67.4 dB	2020-05-09 13:28:06
$LF_{(min)}$	54.3 dB	2020-05-09 13:30:13	63.0 dB	2020-05-09 13:30:12	65.8 dB	2020-05-09 13:27:31
$LI_{(min)}$	54.6 dB	2020-05-09 13:30:13	65.0 dB	2020-05-09 13:30:02	68.0 dB	2020-05-09 13:27:59
$L_{Peak(max)}$	98.9 dB	2020-05-09 13:25:18	105.7 dB	2020-05-09 13:25:40	106.4 dB	2020-05-09 13:25:40

Overloads	Count	Duration	OBA Count	OBA Duration
	0	0:00:00.0	0	0:00:00.0

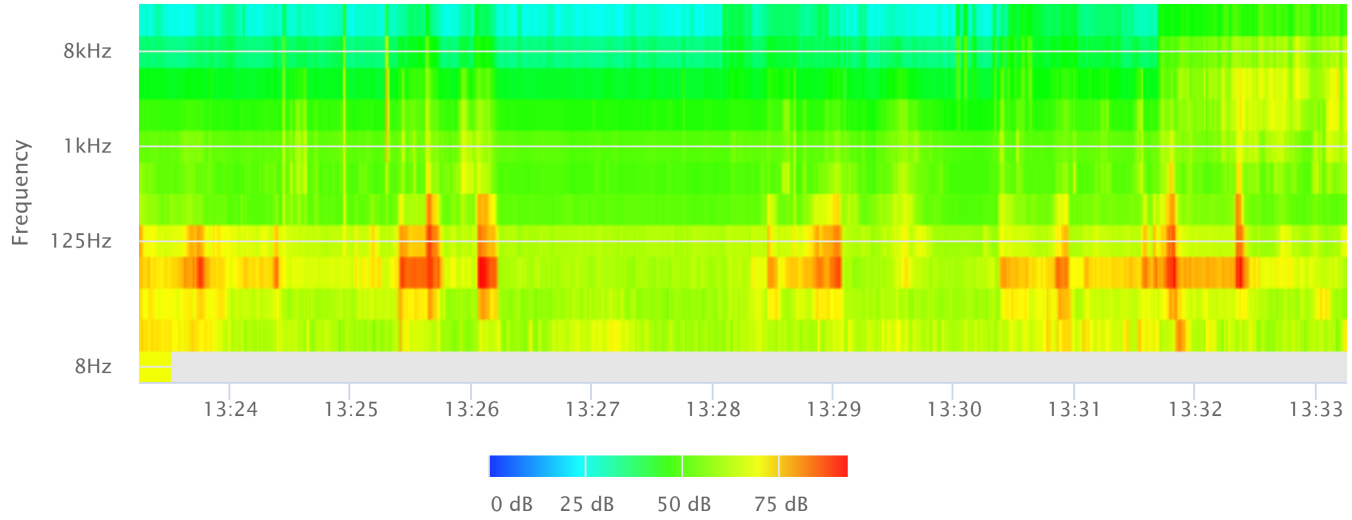
Statistics

LAS 5.0	71.5 dB
LAS 10.0	69.4 dB
LAS 33.3	62.7 dB
LAS 50.0	59.5 dB
LAS 66.6	58.1 dB
LAS 90.0	56.5 dB

Time History



OBA 1/1 Leq



File Translated: V:\Vista Env\2010\10022-Fresno Walmart\Noise Measurements\LD\15.slmdl
Model/Serial Number: 824 / A3176
Firmware/Software Revs: 4.283 / 3.120
Name:
Descr1: 1021 Didrikson Way
Descr2: Laguna Beach, CA 92651
Setup/Setup Descr: slm&rta.ssa / SLM & Real-Time Analyzer
Location: 30' N of vendor truck loading area for Fresno Walmart
Note1: Approx 70' S of Locust Ave CL
Note2: 52F, 29.57 in Hg, 67% Humid., no wind, clear sky

Overall Any Data
Start Time: 19-May-2011 07:05:53
Elapsed Time: 00:08:30.5

	A Weight		C Weight		Flat	
Leq:	54.8 dBA		65.1 dBC		66.1 dBF	
SEL:	81.9 dBA		92.2 dBC		93.2 dBF	
Peak:	85.2 dBA		85.8 dBC		86.0 dBF	
	19-May-2011	07:09:58	19-May-2011	07:09:52	19-May-2011	07:09:52
Lmax (slow):	67.9 dBA		73.2 dBC		73.8 dBF	
	19-May-2011	07:09:50	19-May-2011	07:13:57	19-May-2011	07:13:57
Lmin (slow):	43.7 dBA		60.0 dBC		61.6 dBF	
	19-May-2011	07:11:17	19-May-2011	07:06:52	19-May-2011	07:06:51
Lmax (fast):	70.7 dBA		75.5 dBC		75.7 dBF	
	19-May-2011	07:09:58	19-May-2011	07:11:34	19-May-2011	07:11:34
Lmin (fast):	43.1 dBA		57.8 dBC		58.9 dBF	
	19-May-2011	07:11:17	19-May-2011	07:09:10	19-May-2011	07:09:10
Lmax (impulse):	72.1 dBA		76.8 dBC		77.1 dBF	
	19-May-2011	07:09:58	19-May-2011	07:11:34	19-May-2011	07:11:34
Lmin (impulse):	43.6 dBA		61.1 dBC		62.4 dBF	
	19-May-2011	07:11:17	19-May-2011	07:06:51	19-May-2011	07:09:10

Spectra

Date	Time	Run Time
19-May-2011	07:05:53	00:08:30.5

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	50.2		56.3		35.5		630	46.5		61.4		31.0	
16.0	50.9	55.5	56.1	61.5	37.1	41.8	800	45.4		60.8		30.5	
20.0	51.0		57.6		38.0		1000	44.5	49.3	56.1	63.9	31.7	35.6
25.0	55.8		57.5		41.1		1250	43.5		59.4		30.2	
31.5	57.7	61.6	57.1	63.3	46.2	49.9	1600	42.6		56.3		28.1	
40.0	56.7		60.3		46.3		2000	41.1	46.1	56.4	61.9	24.9	30.4
50.0	56.8		57.9		44.0		2500	40.0		58.4		21.7	
63.0	55.7	61.0	56.5	62.1	45.9	49.1	3150	40.2		60.8		19.4	
80.0	56.2		57.4		42.2		4000	39.5	43.8	58.6	63.4	18.7	24.1
100	55.6		55.1		42.3		5000	36.7		54.4		19.7	
125	54.3	59.2	59.0	63.8	40.7	45.7	6300	32.8		50.2		21.5	
160	52.8		61.0		39.4		8000	30.2	35.2	57.7	58.5	21.2	25.9
200	51.1		57.3		35.5		10000	25.4		41.5		20.5	
250	51.4	55.2	70.6	71.0	34.6	39.0	12500	22.9		32.2		19.4	
315	48.2		58.2		32.0		16000	20.8	26.5	27.4	33.9	19.1	24.4
400	47.0		59.0		30.1		20000	21.2		23.8		20.3	
500	47.0	51.6	64.3	66.9	30.4	35.3							

Ln Start Level: 15 dB

L1.00	0.0 dBA	L50.00	0.0 dBA	L95.00	0.0 dBA
L5.00	0.0 dBA	L90.00	0.0 dBA	L99.00	0.0 dBA

Detector: Slow
Weighting: A
SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
SPL Exceedance level 2: 120 dB Exceeded: 0 times
Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
Hysteresis: 2
Overloaded: 0 time(s)
Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2010\10022-Fresno Walmart\Noise Measurements\LD\15.slmdl
Model/Serial Number: 824 / A3176

Current Any Data
Start Time: 19-May-2011 07:05:53
Elapsed Time: 00:08:30.5

	A Weight		C Weight		Flat	
Leq:	54.8 dBA		65.1 dBC		66.1 dBF	
SEL:	81.9 dBA		92.2 dBC		93.2 dBF	
Peak:	85.2 dBA		85.8 dBC		86.0 dBF	
	19-May-2011	07:09:58	19-May-2011	07:09:52	19-May-2011	07:09:52
Lmax (slow):	67.9 dBA		73.2 dBC		73.8 dBF	
	19-May-2011	07:09:50	19-May-2011	07:13:57	19-May-2011	07:13:57
Lmin (slow):	43.7 dBA		60.0 dBC		61.6 dBF	
	19-May-2011	07:11:17	19-May-2011	07:06:52	19-May-2011	07:06:51
Lmax (fast):	70.7 dBA		75.5 dBC		75.7 dBF	
	19-May-2011	07:09:58	19-May-2011	07:11:34	19-May-2011	07:11:34
Lmin (fast):	43.1 dBA		57.8 dBC		58.9 dBF	
	19-May-2011	07:11:17	19-May-2011	07:09:10	19-May-2011	07:09:10
Lmax (impulse):	72.1 dBA		76.8 dBC		77.1 dBF	
	19-May-2011	07:09:58	19-May-2011	07:11:34	19-May-2011	07:11:34
Lmin (impulse):	43.6 dBA		61.1 dBC		62.4 dBF	
	19-May-2011	07:11:17	19-May-2011	07:06:51	19-May-2011	07:09:10

Calibrated: 18-May-2011 13:09:02 Offset: -48.2 dB
Checked: 19-May-2011 06:46:08 Level: 113.9 dB
Calibrator not set Level: 114.0 dB
Cal Records Count: 0

Interval Records: Disabled Number Interval Records: 0
History Records: Disabled Number History Records: 0
Run/Stop Records: Number Run/Stop Records: 2

Summary				
File Name	831_Data.002			
Serial Number	0002509			
Model	Model 831			
Firmware Version	2.301			
User	GT			
Location	At 7080 Mayten Ave - Edge of MFR Parking Lot			
Job Description	Mayten & Foothill			
Note				
Measurement Description				
Start	2015-09-10 15:54:09			
Stop	2015-09-10 16:10:10			
Duration	0:16:00.5			
Run Time	0:16:00.5			
Pause	0:00:00.0			
Pre Calibration	2015-09-10 15:32:49			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	A Weighting			
Detector	Slow			
Preamp	PRM831			
Microphone Correction	Off			
Integration Method	Linear			
OBA Range	High			
OBA Bandwidth	1/1 and 1/3			
OBA Freq. Weighting	Z Weighting			
OBA Max Spectrum	Bin Max			
Gain	0.0 dB			
Overload	143.1 dB			
	A	**C**	**Z**	
Under Range Peak	**75.6**	72.6	77.6	dB
Under Range Limit	**26.1**	26.4	31.8	dB
Noise Floor	17.0	17.3	22.5	dB
Results				
LAeq	52.1 dB			
LAE	81.9 dB			
EA	17.242 µPa²h			
LApeak (max)	2015-09-10 16:03:36	98.6 dB		
LASmax	2015-09-10 16:03:36	74.6 dB		
LASmin	2015-09-10 15:54:57	41.3 dB		
SEA	-99.9 dB			
LAS > 65.0 dB (Exceedance Counts / Duration)	6	11.6 s		

LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0	s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0	s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0	s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0	s

Community Noise	**Ldn**	**:00-23:00**	**3:00-07:00**	**Lden**
	52.1	52.1	-99.9	52.1
LCeq	65.0	dB		
LAeq	52.1	dB		
LCeq - LAeq	12.9	dB		
LAIeq	61.6	dB		
LAeq	52.1	dB		
LAIeq - LAeq	9.5	dB		
# Overloads	0			
Overload Duration	0.0	s		
# OBA Overloads	0			
OBA Overload Duration	0.0	s		

Statistics		
LAS5.00	55.0	dB
LAS10.00	53.4	dB
LAS33.30	49.1	dB
LAS50.00	47.1	dB
LAS66.60	45.8	dB
LAS90.00	43.9	dB

Calibration History

Preamp	**Date**	**re. 1V/Pa**	**6.3**
PRM831	2015-09-10 15:32:49	-25.6	73.9
PRM831	2015-08-14 17:54:36	-26.3	36.4
PRM831	2015-08-05 20:29:18	-24.7	64.2
PRM831	2015-07-24 14:47:10	-25.6	60.9
PRM831	2015-05-05 14:56:20	-25.8	61.2
PRM831	2015-04-22 8:42:55	-26.3	58.2
PRM831	2015-04-17 11:29:03	-26.3	21.3
PRM831	2015-04-17 9:59:48	-26.0	30.6
PRM831	2015-04-17 8:00:28	-26.0	9.4
PRM831	2061-08-11 15:40:00	-26.0	44.2
PRM831	2014-10-15 14:30:38	-26.0	72.4