

APPENDIX E



Noise Study

Noise Study
San Dimas Avenue Residential Project
City of San Dimas

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1.0 INTRODUCTION

The project area is located on North San Dimas Avenue in the City of San Dimas, in Los Angeles County. Specifically, the project area encompasses 27.12 acres, and is bounded by West Allen Avenue on the north, North Cataract Avenue on the west, West Gladstone Street on the south, and North San Dimas Avenue on the east. **Figure 1** shows the project location.

The project includes a General Plan Land Use designation amendment to provide for single-family low density residential development, and a zoning designation change to provide for consistent zoning for 27.12 acres of project area. A portion of the project proposes the Oak Valley Development, which consists of 28 single-family residential units on 10.03 acres of the project area. No development is currently proposed for the remainder of the project area. Overall, this noise analysis has been prepared to support the Oak Valley Development project's environmental review process and to provide information regarding potential impacts related to noise from implementation of the proposed project. In addition, this analysis includes an evaluation of cumulatively noise, which means that they are significant when viewed in connection with the effects of past, current, and probable future projects. The cumulative analysis will include the adjacent undeveloped parcel, conceptually a 50 single-family residential development, along with the Oak Valley Development and permitted projects planned to be in operation by 2018 and 2035 respectively. This noise study describes the existing ambient noise environment, identifies applicable rules and regulations, evaluates potential noise impacts of the proposed project, and where applicable, includes measures to mitigate or minimize noise associated with the proposed project.

1.1. Project Location and Existing Setting

The project area is located in the City of San Dimas, south of State Route 210, east of State Route 57 (SR-57), and north of the Frank G. Bonelli Regional Park and Interstate 10, as shown in Figure 1. The project area is located southwest corner of North San Dimas Avenue and Allen Avenue), as shown in **Figure 2**.

The project area is currently developed with various uses that include the following:

Wholesale Plant Nursery: A wholesale plant nursery is located along the west side of North San Dimas Avenue, in the east-central portion of the project area; and in the southwest portion of the project area along Cataract Avenue. The nursery includes plant growing and storage areas, offices, and a residential unit.

Equestrian Center: An equestrian center is located to the south of the nursery, in the east-central portion of the project area. The equestrian center includes a riding arena, stables, corrals, offices, and living quarters.

Single-Family Residential: Existing single-family residential uses are located in the southeastern portion of the site, and in the northwestern portion of the project area.

Vacant Land: The project area also includes vacant areas that are not being used for nursery, equestrian, or single-family residential uses.

The project area has a General Plan land use designation of Single-Family Very Low Residential (0.2-3 dwelling units per acre) and the site is zoned for Single-Family Agricultural and Light Agriculture.

1.2. Project Description

The project proposes a General Plan amendment and a zone change to revise the existing Single Family Very Low (0.2-3 dwelling units per acre) General Plan land use to a designation of Single Family Low (3.1-6 dwelling units per acre) residential, and the existing Single-Family Agricultural and Light Agricultural zoning to the Single-Family residential zone that with a minimum lot size of 7,500 square feet.

The project also proposes the Oak Valley Development (Tentative Tract Map No. 73711), which would demolish existing onsite improvements and develop a 28-unit single-family residential subdivision on 10.03-acres in the eastern portion of the project area. The single-family residences would be provided on lots ranging from 7,727 square feet to 15,595 square feet, with an average of approximately 9,192 square feet. Primary vehicular access to the Oak Valley Development is planned to be provided via a new street that would extend to San Dimas Avenue.

After inclusion of two streets, open space, setbacks, and a water quality infiltration basin within the subdivision, the proposed project would provide 7.03 net usable acres for residential lots that would provide 4.0 dwelling units per net usable acre, pursuant to San Dimas Municipal Code Section 18.24.040(B), which requires density be based upon net usable area. The project is shown in **Figure 3**.

The Applicant has prepared a Conceptual Lot Study of the remaining 17.9-acre project area that is not included in the Oak Valley Development, which shows that includes 50 single-family lots and internal roadways could be developed within this area. As shown in **Figure 4**, access to the Conceptual Lot Study Area is planned via the future extension of the proposed new street in the Oak Valley Development that will provide a connection

to Cataract Avenue. However, no development applications have been filed with the City and no currently foreseeable development of this area has been identified. Hence, the development timeline for the adjacent 17.09-acre area is unknown.

Construction Activities

Construction activities for the proposed 28-unit single-family Oak Valley Development project would occur in the following three phases. Phase 1 would include demolition of all structures associated with the wholesale plant nursery, equestrian center, as well as the house and barn. In addition, all mass and precise grading necessary for the Oak Valley Development would be completed, and the subterranean infrastructure, including: water, sewer, and stormdrain improvements, the water quality infiltration basin, and streets “A” and “B” would be installed. In addition, 8-10 single-family residential units would be developed as part of Phase 1. Heavy construction (i.e., grading and other use of heavy equipment) related to Phase 1 is anticipated to last between 90 and 120 days.

Phase 2 would include the construction of 8-10 single-family residential units, and would begin when Phase 1 is approximately 75 percent complete. Phase 3 would include the construction of the remaining single-family residential units, and would begin when Phase 2 is approximately 75 percent complete. Construction of the Oak Valley Development is estimated to take approximately 12-14 months, and will require approximately 4,000-5,000 cubic yards of soil import.

The potential future construction of the 17.09-acre Conceptual Lot Area with 50 single-family residences is anticipated to be similar as those proposed for the Oak Valley Development; however, would occur over a longer time period (approximately 11 months for infrastructure development and 19 months for construction of the residential structures) due to the increased number of units to be developed within the area.

Construction activities would be limited to the hours between 7:00 a.m. to 8:00 p.m., Monday through Saturday, excluding federal holidays, which would be consistent with the City’s Noise Ordinance (Chapter 8.36.100 of the San Dimas Municipal Code).

1.3 Related Projects

The Traffic Impact Study that was prepared for the proposed project, which identified 12 related projects for inclusion in the cumulative analysis for the proposed project that are listed in **Table 1**.

Table 1. Related Projects Lists

Project	Address	Size
Single-Family Residential	301 S. San Dimas Avenue	19 units*
Single-Family Residential	299 E. Foothill Boulevard	21 units
Single-Family Residential	216-300 Walnut Avenue	7 units
Single-Family Residential	405 W. Gladstone Street	4 units
Single-Family Residential	526 W. Gladstone Street	4 units
Costco Commercial Center	1024-1054 E. Gladstone Street	19,127 square feet*
Single-Family Residential	Lone Hill Avenue at Gordon Ranch Road	19 units
Glendora Marketplace	Gladstone Street at Lone Hill Avenue	50,000 square feet retail + 4,200 square feet restaurant*
Walmart Expansion	1950 Auto Centre Drive	29,000
Single-Family Residential	De Anza Heights Road	15
Gilead Sciences	1800 Wheeler Avenue	380,000*
University Parking Structure + Office	2021 D Street	1,000 parking spaces + 1,900 square feet office

SOURCE: LLG, 2016.

*Development Currently Under Construction-2018 cumulative projects

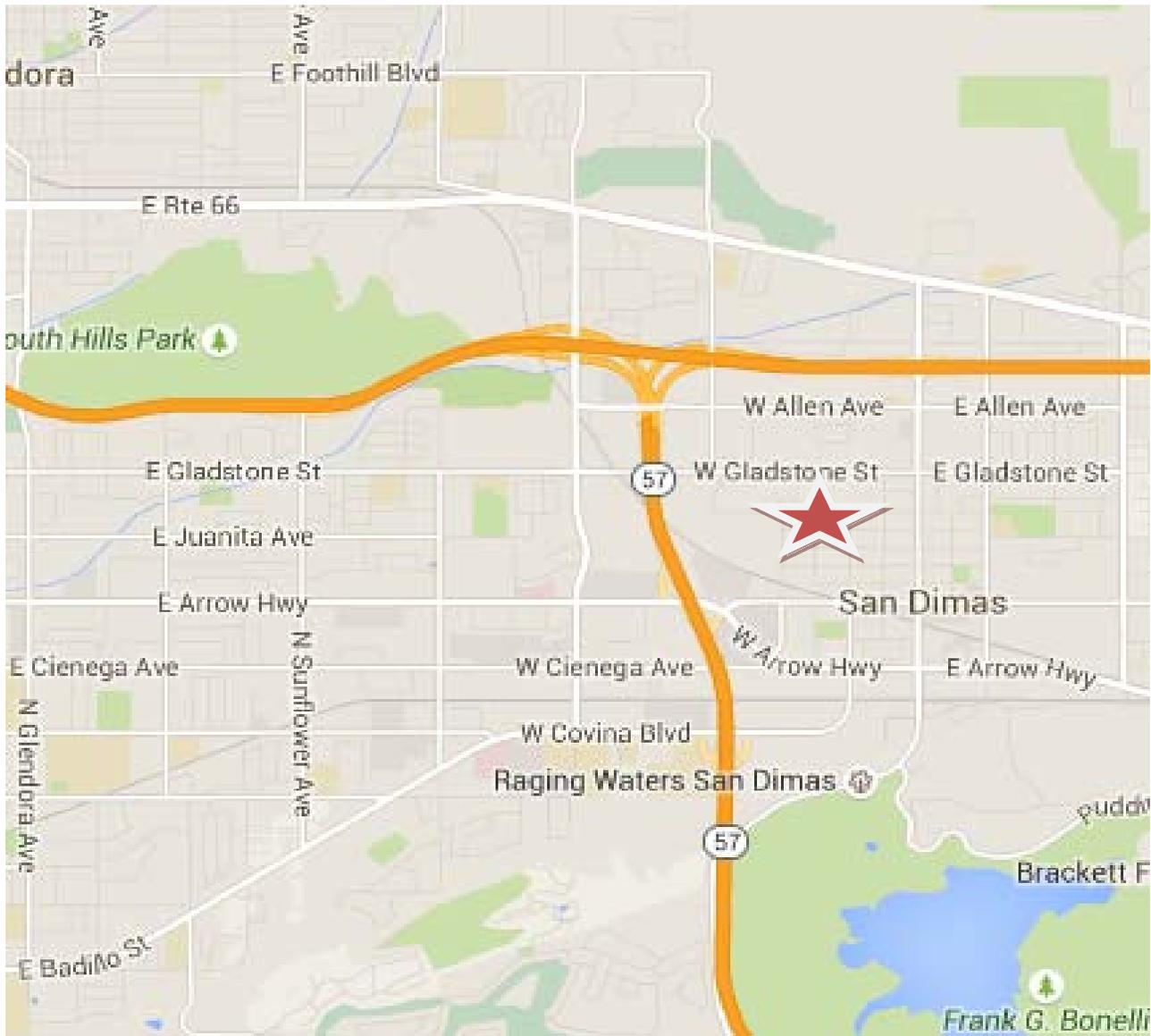


Figure 1. Regional Map of Project

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Figure 3. Project Site Plan

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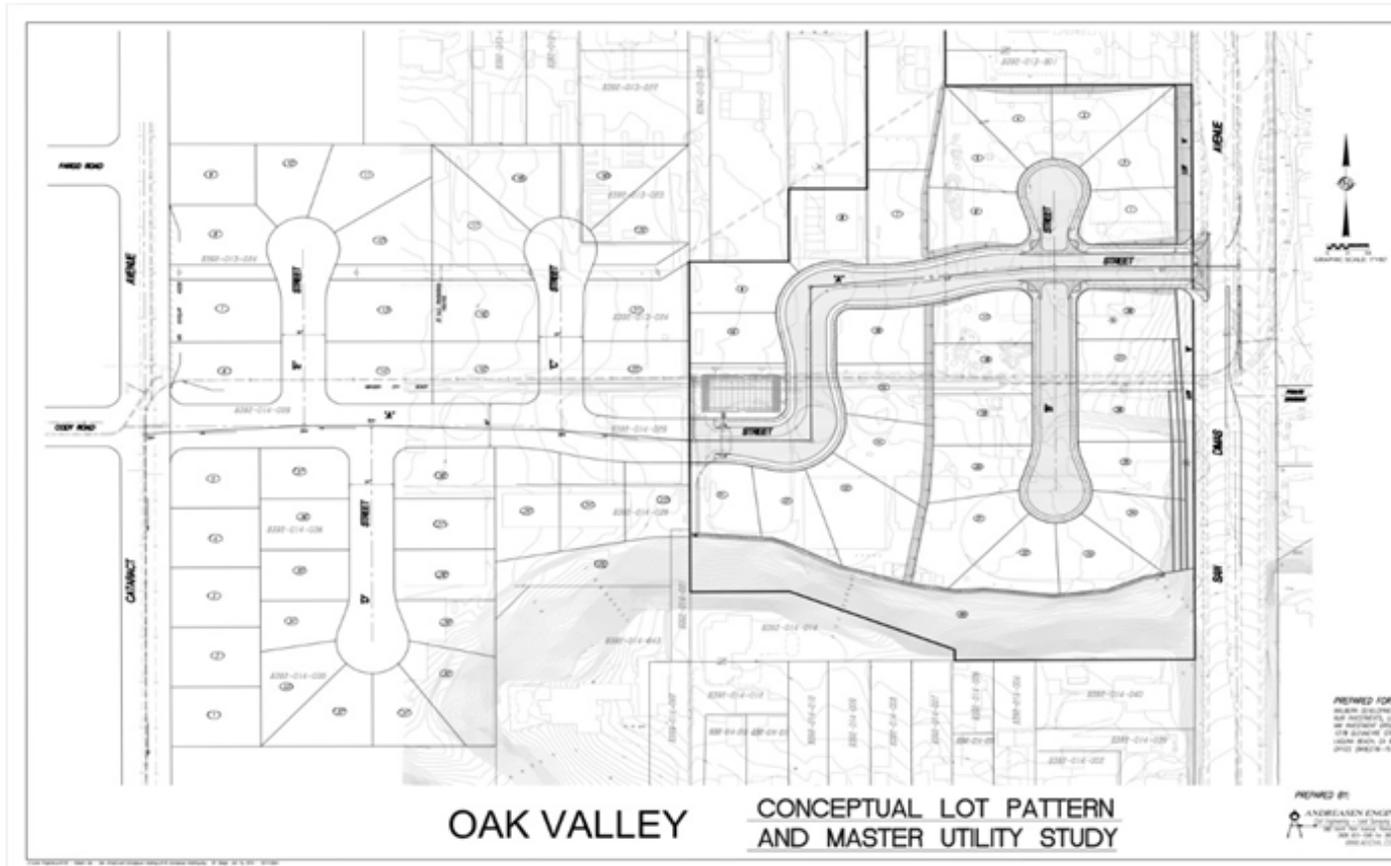


Figure 4. Conceptual Lot Plan

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The potential future construction of the Conceptual Lot Area is anticipated to be similar as those proposed for the Oak Valley Development; however, would occur over a longer time period (approximately 11 months for infrastructure development and 19 months for construction of the residential structures) due to the greater number of single-family residences in the Conceptual Lot Area.

Construction of the Oak Valley Development would involve use of the following equipment:

- Concrete/Industrial Saws
- Rubber Tired Dozers
- Tractors/Loaders/Backhoes
- Graders
- Scrapers
- Tractors/Loaders/Backhoes
- Graders
- Rubber Tired Dozers
- Tractors/Loaders/Backhoes
- Cranes
- Forklifts
- Generator Sets
- Tractors/Loaders/Backhoes
- Welders
- Cement and Mortar Mixers
- Pavers
- Paving Equipment
- Rollers
- Tractors/Loaders/Backhoes
- Air Compressors

Construction activities would be limited to the hours between 7:00 a.m. to 8:00 p.m., Monday through Saturday, excluding federal holidays, which would be consistent with the City's Noise Ordinance (Chapter 8.36.100 of the San Dimas Municipal Code).

1.3. Fundamentals of Sound

Sound is mechanical energy transmitted by pressure waves in a compressible medium such as air. Noise is generally defined as unwanted or excessive sound, which can vary in intensity by over one million times within the range of human hearing; therefore, a logarithmic scale, known as the decibel scale (dB), is used to quantify sound intensity.

Sound is characterized by both its amplitude and frequency (or pitch). The human ear does not hear all frequencies equally. In particular, the ear deemphasizes low and very high frequencies.

To better approximate the sensitivity of human hearing, the A-weighted decibel scale (dBA) has been developed. On this scale, the human range of hearing extends from approximately 3 dBA to around 140 dBA. **Table 2** includes examples of A-weighted noise levels from common indoor and outdoor activities.

Table 2. Typical A-Weighted Noise Levels

Common Outdoor Noise	Noise Level (dBA)	Common Indoor Noise
	— 110 —	Rock band (noise to some, music to others)
Jet fly-over at 1000 feet	— 100 —	
Gas lawn mower at 3 feet	— 90 —	
Diesel truck at 50 feet at 50 mph	— 80 —	Food blender at 3 feet
Noisy urban area, daytime	— 70 —	Garbage disposal at 3 feet
Gas lawn mower, 100 feet	— 60 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet		Large business office
Quiet urban daytime	— 50 —	Dishwasher in neighboring room
Quiet urban nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban nighttime	— 30 —	Library
Quiet rural nighttime	— 20 —	Bedroom at night
	— 10 —	Broadcast/recording studio
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

SOURCE: Caltrans 1998.

Using the decibel scale, sound levels from two or more sources cannot be directly added together to determine the overall sound level. Rather, the combination of two sounds at the same level yields an increase of 3 dBA. The smallest recognizable change in sound levels is approximately 1 dBA. A 3-dBA increase is generally considered perceptible, whereas a 5-dBA increase is readily perceptible. A 10-dBA increase is judged by most people as an approximate doubling of the sound loudness.

Two of the primary factors that reduce levels of environmental sounds are increasing the distance between the sound sources to the receiver and having intervening obstacles such as walls, buildings, or terrain features between the sound source and the receiver. Factors

that act to increase the loudness of environmental sounds include moving the sound source closer to the receiver, sound enhancements caused by reflections, and focusing caused by various meteorological conditions.

There are a number of metrics used to characterize community noise exposure, which fluctuate constantly over time. One such metric, the equivalent sound level (L_{eq}), represents a constant sound that, over the specified period, has the same sound energy as the time-varying sound.

Noise exposure over a longer period of time is often evaluated based on the Community Noise Level (CNEL). CNEL is a 24-hour average L_{eq} that accounts for the sensitivity to noise during evening and nighttime hours. CNEL is calculated by adding 5 dBA to sound levels in the evening (7:00 p.m. to 10:00 p.m.) and adding 10 dBA to sound levels at night (10:00 p.m. to 7:00 a.m.).

1.4. Fundamentals of Vibration

Vibration is energy transmitted in waves through the ground or man-made structures. These energy waves generally dissipate with distance from the vibration source. Common sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile-driving, and operation of heavy earth-moving equipment.

The effects of groundborne vibration include movement of the building floors, rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. In extreme cases, the vibration can cause damage to buildings. Building damage is not a factor for most projects, with the occasional exception of blasting and pile-driving during construction. Annoyance from vibration often occurs when the vibration levels exceed the threshold of perception by only a small margin. A vibration level that causes annoyance will be well below the damage threshold for normal buildings.

The peak particle velocity (PPV) is most frequently used to describe vibration impacts to buildings. The root mean square (RMS) amplitude is most frequently used to describe the effect of vibration on the human body. The RMS amplitude is defined as the average of the squared amplitude of the signal. Decibel notation (VdB) is commonly used to measure RMS. The FTA measure of the threshold of architectural damage for conventional sensitive structures is 0.2 in/sec PPV (FTA, 2006). The vibration velocity level threshold of perception for humans is approximately 65 VdB, and a vibration velocity level of 75 VdB is considered to be the approximate dividing line between barely perceptible and distinctly perceptible levels for many people (FTA, 2006).

1.5. Existing Noise Environment

Sensitive Land Uses

Noise sensitive land uses are generally defined to include: places where people sleep, such as residences, hospitals, and hotels; institutional land uses where it is important to avoid interference with speech or reading, including schools, libraries, and churches; and outdoor areas where quiet is fundamental to its specific use (i.e. amphitheaters and National Parks). The closest noise sensitive land uses to the project area are the single-family residences, the closest of which is approximately 30 feet west of the project boundary. In addition, Chaparral High School is approximately 90 feet north of the project area across Allen Avenue. Construction and operation of the proposed project has the potential to impact these sensitive receivers.

Noise Measurements and Existing Ambient Noise

Traffic along San Dimas Avenue and Allen Avenue is the dominant source of ambient noise in the project vicinity. One long-term and two 15-minute short-term noise measurements were taken in the vicinity of the project area on February 23, 2016. The purpose of the measurements was to characterize existing noise levels adjacent to the project area and at sensitive receptors. **Figure 5** provides an aerial photograph showing the ambient noise measurement and sensitive receiver locations and **Table 3** provides the existing ambient noise at these sites, which ranges between a low of 50.9 dBA along North Cataract Avenue and a high of 72.1 dBA along North San Dimas Avenue adjacent to the project area.

Table 3. Summary of Measured Ambient Noise Levels

Receiver	Existing L_{eq} dBA
ST-1	50.9
ST-2	72.1

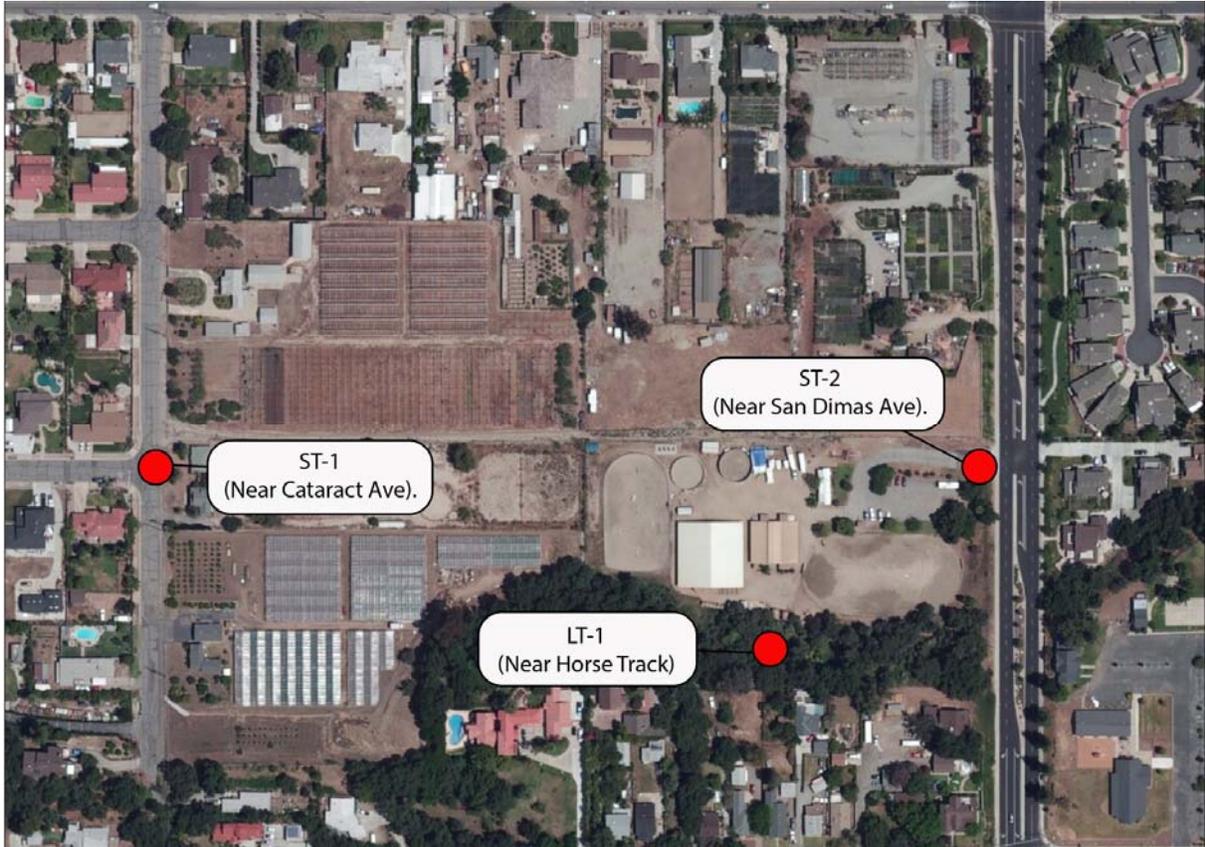


Figure 5. Noise Measurement and Receptor Site Locations



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Existing Vibration Levels

Aside from periodic construction work that may occur in the vicinity of the project area, other sources of groundborne vibration include heavy-duty vehicular travel (e.g., refuse trucks and delivery trucks) on the roadways that are adjacent to the project area. Trucks traveling at a distance of 50 feet typically generate groundborne vibration velocity levels of around 63 VdB (approximately 0.006 in/sec PPV), and these levels could reach 72 VdB (approximately 0.016 in/sec PPV) when trucks pass over bumps in the road (FTA, 2006).

2.0 REGULATORY FRAMEWORK

The governing regulatory framework in the proposed project area includes federal, state and local agencies that enforce noise standards and specific regulations that govern project development.

2.1 Federal Regulations and Standards

There are no federal noise standards that directly regulate environmental noise related to the construction or operation of the proposed project. With regard to noise exposure and workers, the Office of Safety and Health Administration (OSHA) regulations safeguard the hearing of workers exposed to occupational noise. Federal regulations also establish noise limits for medium and heavy trucks (more than 4.5 tons, gross vehicle weight rating) under 40 Code of Federal Regulations (CFR), Part 205, Subpart B. The federal truck pass-by noise standard is 80 dB at 15 meters from the vehicle pathway centerline. These controls are implemented through regulatory controls on truck manufacturers.

Federal Transit Authority Vibration Standards

The FTA has adopted vibration standards that are used to evaluate potential building damage impacts related to construction activities. The vibration damage criteria adopted by the FTA are shown in **Table 4**.

Table 4. Construction Vibration Damage Criteria

Building Category	PPV (in/sec)
I. Reinforced-concrete, steel or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12

SOURCE: FTA, 2006.

The FTA has also adopted the following standards for groundborne vibration impacts related to human annoyance: Vibration Category 1 – High Sensitivity, Vibration Category 2 – Residential, and Vibration Category 3 – Institutional. The FTA defines

Category 1 as buildings where vibration would interfere with operations, such as vibration-sensitive research and manufacturing facilities, hospitals with vibration-sensitive equipment, and research operations. Category 2 refers to all residential land uses and any buildings where people sleep, such as hotels and hospitals. Category 3 refers to institutional land uses such as schools, churches, other institutions, and quiet offices that do not have vibration-sensitive equipment, but still have the potential for activity interference. The vibration thresholds associated with human annoyance for these three land-use categories are shown in **Table 5**. No thresholds have been adopted or recommended for commercial and office uses.

Table 5. Groundborne Vibration Impact Criteria for General Assessment

Land Use Category	Frequent Events^a	Occasional Events^b	Infrequent Events^c
Category 1: Buildings where vibration would interfere with interior operations.	65 VdB ^d	65 VdB ^d	65 VdB ^d
Category 2: Residences and buildings where people normally sleep.	72 VdB	75 VdB	80 VdB
Category 3: Institutional land uses with primarily daytime use.	75 VdB	78 VdB	83 VdB

^a Frequent Events” is defined as more than 70 vibration events of the same source per day.

^b Occasional Events” is defined as between 30 and 70 vibration events of the same source per day.

^c Infrequent Events” is defined as fewer than 30 vibration events of the same kind per day.

^d This criterion is based on levels that are acceptable for most moderately sensitive equipment such as optical microscopes.

SOURCE: FTA, 2006.

2.2. State Regulations and Standards

Noise Standards

The California Department of Health Services has established guidelines for land use and noise exposure compatibility are shown in **Table 6**. In addition, the California Government Code (Section 65302(g)) requires a noise element to be included in general plans, and requires that the noise element: (1) identify and appraise noise problems in the community; (2) recognize Office of Noise Control guidelines; and (3) analyze and quantify current and projected noise levels.

Table 6. California Community Noise Exposure (Ldn or CNEL)

Land Use	Normally Acceptable^a	Conditionally Acceptable^b	Normally Unacceptable^c	Clearly Unacceptable^d
Single-family, Duplex, Mobile Homes	50 - 60	55 - 70	70 - 75	above 75
Multi-Family Homes	50 - 65	60 - 70	70 - 75	above 75
Schools, Libraries, Churches, Hospitals, Nursing Homes	50 - 70	60 - 70	70 - 80	above 80
Transient Lodging – Motels, Hotels	50 - 65	60 - 70	70 - 80	above 75
Auditoriums, Concert Halls, Amphitheaters	---	50 - 70	---	above 70
Sports Arena, Outdoor Spectator Sports	---	50 - 75	---	above 75
Playgrounds, Neighborhood Parks	50 - 70	---	67 - 75	above 75
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 - 75	---	70 - 80	above 80
Office Buildings, Business and Professional Commercial	50 - 70	67 - 77	above 75	---
Industrial, Manufacturing, Utilities, Agriculture	50 - 75	70 - 80	above 75	---

a Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.

b Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.

c Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

d Clearly Unacceptable: New construction or development should generally not be undertaken.

SOURCE: FTA, 2006.

The state has also established the California Noise Insulation Standards (Title 24, California Code of Regulations) that provide an interior standard of 45 dB Ldn/CNEL for any habitable room. In addition, it requires an acoustical analysis demonstrating how dwelling units have been designed to meet this interior standard where such units are proposed in areas subject to noise levels greater than 60 dB Ldn/CNEL. Title 24 standards are typically enforced by local jurisdictions through the building permit application process.

Vibration Standards

There are no state vibration standards applicable to the proposed project. In addition, the California Department of Transportation's (Caltrans) *Transportation and Construction Vibration Guidance Manual* (2013), does not provide official Caltrans standards for vibration. However, this manual provides guidelines that can be used as screening tools for assessing the potential for adverse vibration effects related to structural damage and human perception. The manual is meant to provide guidance related to vibration issues associated with the construction, operation, and maintenance of Caltrans projects. The vibration criteria established by Caltrans for assessing structural damage and human perception are shown in **Tables 7** and **8**, respectively.

Table 7. Caltrans Vibration Damage Potential Threshold Criteria

Structure and Condition	Maximum PPV (in/sec)	
	Transient Sources	Continuous / Frequent Intermittent Sources
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

Source: Caltrans, 2004.

Table 8. Caltrans Vibration Annoyance Potential Criteria

Structure and Condition	Maximum PPV (in/sec)	
	Transient Sources	Continuous / Frequent Intermittent Sources
Barely perceptible	0.04	0.01
Distinctly perceptible	0.25	0.04
Strongly perceptible	0.9	0.10
Severe	2.0	0.4

Source: Caltrans, 2004.

2.3. Local Regulations and Standards

City of San Dimas General Plan Noise Element

The City of San Dimas General Plan Noise Element includes Exhibit VIII-3, Land Use Compatibility for Noise Environments, which provides noise-land use compatibility guidelines for single-family residential land uses. The Exhibit states that a noise level of 50 to 60 dBA CNEL (Community Noise Equivalent Level) is within the Normally Acceptable range, that a noise of 55 to 70 dBA CNEL is Conditionally Acceptable, and that a noise of 70 to 75 dBA CNEL is Normally Unacceptable. CNEL is a 24-hour weighted average with sensitivity for evening and nighttime levels.

City of San Dimas Noise Ordinance

The City of San Dimas Municipal Code Chapter 8.36, Noise Ordinance, sets standards for noise levels citywide and provides the means to enforce the reduction of obnoxious or offensive noises. Regulations that are relevant to the proposed project are listed below.

Section 8.36.040, Noise Level Limit: The allowable noise level or sound level referred to in Section 8.36.030 shall be the higher of the following:

- A. Actual measured ambient level; or
- B. That noise level limit as determined from the following table:

Zone	Time	Sound Level (A-weighted) Decibels
Residential – low and medium density	7:00 am to 6:00 pm	50
	6:00 pm to 10:00 pm	45
	Night	40
Residential – high density	7:00 am to 6:00 pm	60
	6:00 pm to 10:00 pm	55
	Night	50
Commercial	7:00 am to 6:00 pm	60
	6:00 pm to 10:00 pm	55
	Night	50
Industrial	7:00 am to 6:00 pm	70
	6:00 pm to 10:00 pm	60
	Night	55

Note: If the measurement location is on a boundary between two different zones, the noise level limit applicable to the lower noise zone shall apply (Ord. 868 Section 1, 1987).

Section 8.36.090, Controlled Hours of Operation: It is unlawful for any person to operate, permit, use or cause to operate, any of the following, other than between the hours of 7:00 am to 8:00 pm of any one day:

- A. Powered model vehicles;
- B. Loading and unloading vehicles such as trash collectors, forklifts or cranes within five hundred feet of a residence;
- C. Domestic power tools.

Section 8.36.100, Construction: It is unlawful for any person to 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 any building, structure or project, or to operate any pile driver, steam shovel, pneumatic hammer, steam or electric hoist or other construction-type equipment or device between the hours of 8:00 pm of one day and 7:00 am of the next day, at any time on Sunday, or at any time on any public holiday in such a manner that a reasonable person of normal sensitivity residing in the area is caused discomfort or annoyance.

3.0 THRESHOLDS OF SIGNIFICANCE

Appendix G of the California Environmental Quality Act (CEQA) Guidelines states that a project could have a significant adverse effect related to noise if any of the following would occur:

- Exposure of persons to, or generation of, noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Exposure of persons to, or generation of, excessive ground-borne vibration or ground-borne noise levels;
- A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project;
- A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project;
- For a project located within 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; or
- For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels.

3.1 Noise Criteria

For the purpose of determining whether the proposed project would result in the exposure of persons to or generate noise levels that would exceed established noise standards, construction and stationary operational noise levels associated with the proposed project would result in a significant impact if the City's construction regulations related to work hours are violated.

The *CEQA Guidelines* does not define the levels at which permanent and temporary increases in ambient noise are considered "substantial." Therefore, with regards to traffic noise, the significance of the project's noise impacts can be determined by comparing estimated project-related noise levels to existing no-project noise levels. With respect to the community noise environment, the average healthy ear can barely perceive a noise level change of 3 dBA. A change from 3 to 5 dBA may be noticed by some individuals

who are sensitive to changes in noise. A 5 dBA increase is readily noticeable, while the human ear perceives a 10 dBA increase as a doubling of sound.

As described above the City's Noise Ordinance sets the exterior noise standard for single-family homes at 50 dBA CNEL. As such, for the purpose of the project's traffic noise analysis, it is assumed that a significant impact related to traffic noise from project operations on noise-sensitive land uses (i.e., residential) would occur if the project would cause an increase of 3 dBA CNEL at the property line of a residential land use that currently experiences ambient noise levels at or above 50 dBA CNEL. Where the existing ambient noise level at a residential land use is below 50 dBA CNEL, then a significant impact would occur if project operations would cause an increase of 5 dBA CNEL at the property line of the residential land use.

3.2 Vibration Criteria

The *CEQA Guidelines* do not define the levels at which groundborne vibration or groundborne noises are considered "excessive." The City does not have a significance threshold to assess vibration impacts during construction. Additionally, there are no federal, state, or local vibration regulations or guidelines directly applicable to the proposed project. However, publications of the FTA and Caltrans are two of the seminal works for the analysis of vibration relating to transportation and construction-induced vibration. The proposed project is not subject to FTA or Caltrans regulations; nonetheless, these guidelines serve as a useful tool to evaluate vibration impacts. For the purpose of this analysis, the vibration criteria for structural damage and human annoyance established in the most recent Caltrans' *Transportation and Construction Vibration Guidance Manual* (2013), which are shown previously in Tables 6 and 7, are used to evaluate the potential vibration impacts of the project on nearby sensitive receptors.

Given that the proposed land uses within the project area would consist of residential, any "excessive" groundborne vibration or noises that would occur at the project area would be those generated during construction of these uses. Operation of the proposed project would not include or result in the use of any heavy machinery or generate heavy-duty truck trips that are often associated with large industrial uses. As such, no sources of "excessive" groundborne vibration or noise levels are anticipated during project operations.

4.0 METHODOLOGY

The primary sources of noise associated with residential land uses are construction activities and project-related traffic volumes associated with the operational development. Secondary sources of noise would include new stationary sources (such as heating, ventilation, and air conditioning units) associated with the new residential uses. The increase in noise levels generated by these activities and other sources associated with construction and operation of single-family residential uses on the proposed project have been quantitatively estimated and compared to the applicable noise standards and thresholds of significance.

Aside from noise levels, groundborne vibration would also be generated during the construction of residential development within the project area by various construction-related activities and equipment. Thus, the groundborne vibration levels generated by these sources have also been quantitatively estimated and compared to applicable thresholds of significance.

4.1 Construction Noise Levels

A worse-case scenario was developed to estimate construction noise levels from the proposed development using USEPA noise levels for land use construction activities at a reference distance of 50 feet. The loudest phase of construction was selected and assumed to be operating continuously. The maximum noise level for this construction phase was predicted at distances representative of locations of nearby residential homes using the sound propagation principle that states noise levels would diminish rapidly with distance from the construction site at a rate of approximately 6 dBA per doubling of distance. For example, a noise level of 84 dBA L_{eq} measured at 50 feet from the noise source to the receptor would reduce to 78 dBA L_{eq} at 100 feet from the source to the receptor. The nearest sensitive receivers were identified around the project site and construction noise levels were predicted.

4.2 Roadway Noise Levels

Roadway noise levels were calculated for selected study roadway segments near the project area based on information provided in the Oak Valley Project Traffic Impact Study that was prepared for the proposed project (LLG, 2015). The roadway segments selected for analysis are expected to be most directly impacted by project-related traffic, which are the roadways that are in proximity to the project area. These roadways, when compared to roadways located further away from the project area, would experience the greatest percentage increase in traffic generated by the proposed project. The noise levels

were calculated using the FHWA's Highway Traffic Noise Model TNM 2.5 and traffic volumes from the Traffic Impact Study.

4.3 Groundborne Vibration from Construction and Operation

Groundborne vibration levels resulting from construction activities within the project area were estimated using data published by the FTA in its *Transit Noise and Vibration Impact Assessment* (2006) document. Potential vibration levels resulting from construction activities of the proposed project are identified at the nearest off-site sensitive receptor location, which consists of the adjacent single-family residential uses.

5.0 NOISE ASSESSMENT

This noise impact assessment is conducted to determine the significance of the impact created by the short-term construction and long-term operation of the proposed project on the noise sensitive land uses in the surrounding area. Construction may affect ambient noise as a result of construction equipment and vehicles traveling to/from the project area by construction workers. Operation related impacts would be generated primarily from vehicle trips and from onsite residential equipment, such as HVAC units.

5.1 Exposure of persons to, or generation of, noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies

Construction

Proposed Oak Valley Development: Construction of residential land uses requires the use of heavy equipment that would increase noise levels in the immediate project area. The noise from construction activity would fluctuate depending on the particular type, number, and duration of use of construction equipment. The project construction would require the use of heavy construction equipment for activities such as demolition of the existing building and pavement, grading, excavation, installation of utilities, paving, and building fabrication. Development activities would also involve the use of smaller power tools, generators, and other sources of noise. **Table 9** provides the average (L_{eq}) noise levels produced by various types of construction activities at a distance of 50 feet between the construction activity and receptor.

Table 9. Construction Equipment Noise Levels

Construction Activity	Noise Level at 50 Feet (dBA, L_{eq})¹
Demolition	88
Ground Clearing	84
Excavation	88
Foundations	81
Erection	82
Finishing	88

¹ Average noise levels correspond to a distance of 50 feet from the noisiest piece of equipment associated with a given phase of construction and 200 feet from the rest of the equipment associated with that phase.

Source: USEPA, Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances, Table 1-b Domestic Housing, 1971,

During construction of the project area, the nearest sensitive receptors would be the single-family residences that are adjacent to the project area. Due to the proximity of the residences the proposed project's construction activities would expose the sensitive receptors to increased noise levels. Over the course of a construction day, the highest noise levels would be generated during the excavation and finishing phases of construction.

The project's estimated construction noise levels were calculated based on the loudest construction scenario, which would occur during the demolition, excavation or the finishing phases. The estimated noise levels at the residential uses were calculated using the doubling of distance propagation principle and the reference noise level at 50 feet for the loudest phase of construction. It was determined that noise levels at the closest residential property lines could reach approximately 82 dBA L_{eq} at 100 feet, 76 dBA L_{eq} 150 feet and 70 dBA L_{eq} at 200 feet respectively during project construction. The exact location of the construction activity would vary, however, it was assumed to occur near the project boundary.

Consequently, construction that occurs immediately adjacent to these existing offsite receptors would generate noise levels that would be substantially greater than existing noise levels near the project site. However, it should be noted that this noise level is not anticipated to occur throughout the entire course of a construction day, as construction equipment and activities rarely operate continuously for a full day at a construction site. Typically, the operating cycle for construction equipment would involve one or two

minutes of full power operation followed by three or four minutes at lower power settings. Additionally, construction equipment engines would likely be intermittently turned on and off over the course of a construction day.

Per Section 8.36.100 of the City's Municipal Code, noise sources associated with construction are exempted from the City's established noise standards as long as they do not take place between the hours of 8:00 pm and 7:00 am on weekdays, including Saturday, or any time on a Sunday or public holiday. As the project's construction activities would only occur during the allowable construction hours, the proposed project would be consistent with the City's Municipal Code. Thus, the proposed project would be in compliance with the City's construction related noise standards, and impacts would be less than significant.

It is anticipated that the future build out of the Oak Valley development, the conceptual plan and other projects under construction and/or proposed in the project area would not occur at the same time. It is predicted that over the next 20 years only 10 percent of the planned development would be constructed and the various phases of construction would not occur at the same time. The construction levels would be similar to the maximum construction levels predicted for the Oak Valley Development. The construction noise would continue to be exempted from the City's established noise standards, as long as it occurs during the allowable hours. Thus, impacts from potential future build out from 2018 to 2035 would be less than significant.

Operation

Traffic

Proposed Oak Valley Development: With respect to vehicle traffic, the proposed project is estimated to generate a total of 266 daily trips to and from the project site. Of these trips 21 would occur in the AM peak hour and 28 would occur in the PM peak hour (LLG, 2015). The volume of entering (i.e., inbound) vehicles is forecast at no more than 5 trips during the am peak hour and 18 vehicle trips during the pm peak hour, which equates to approximately one vehicle every 12 minutes in the AM peak hour and one vehicle every 3 minutes during the PM peak hour (LLG, 2015). This increase in traffic resulting from implementation of the project would result in a limited increase the ambient noise levels in proximity to the project area.

As described above in Section 3.1, *Noise Criteria*, the significance of the project's noise impacts in regards to traffic noise is determined by comparing estimated project-related noise levels to existing no-project noise levels. With respect to the community noise

environment, the average healthy ear can barely perceive a noise level change of 3 dBA. A change from 3 to 5 dBA may be noticed by some individuals who are sensitive to changes in noise. A 5 dBA increase is readily noticeable, while the human ear perceives a 10 dBA increase as a doubling of sound. Thus, a significant impact related to traffic noise would occur if the project results in an increase of 3 dBA.

The noise levels were calculated using the FHWA’s Highway Traffic Noise Model (TNM 2.5) to predict noise from traffic volumes from the Traffic Impact Study. As shown in **Table 10**, the proposed project would increase noise levels along traffic segments by a maximum of 1.8 dBA L_{eq} and 1.6 dBA L_{eq} above Existing and Ambient noise levels respectively. This increase would not exceed the 3 dBA threshold; thus, impacts related to traffic noise increases to the sensitive receiver locations would be less than significant.

Table 10. Traffic Noise Levels from the Oak Valley Development

Roadway Segment	Estimated dBA, CNEL at 50 feet from Roadway Centerline				
	<i>Existing (2016)</i>	<i>No Project Ambient Growth (2018)</i>	<i>Project Only (2018)</i>	<i>Change between Project Only and Existing</i>	<i>Change between Project Only and Ambient Growth</i>
Cataract (Cody to Allen)	49.3	49.5	51.1	1.8	1.6
Allen Avenue (Cataract to San Dimas)	64.2	64.3	64.4	0.2	0.1
San Dimas Avenue, Gladstone Street	64.6	64.7	64.8	0.2	0.1

Cumulative Development Growth in 2018: As described above, the cumulative development would include the Oak Valley development of 28 single family units, the Conceptual Lot Plan and proposed development that is currently under construction. It is estimated that the cumulative growth of all of these projects would result in approximately a total of 5,653 vehicular trips per day in 2018. This increase in traffic resulting from implementation of the project would result in a limited increase the ambient noise levels in proximity to the project area. As shown in **Table 11**, the 2018 cumulative all project condition would increase noise levels along traffic segments by a

maximum of 2.0 dBA L_{eq} and 1.8 dBA L_{eq} above Existing and Ambient noise levels respectively. This increase would not exceed the 3 dBA threshold; thus, impacts related to traffic noise increases to the sensitive receiver locations would be less than significant.

Table 11. 2018 Cumulative Traffic Noise Levels

Estimated dBA, CNEL at 50 feet from Roadway Centerline					
Roadway Segment	Existing (2016)	No Project Ambient Growth (2018)	Cumulative All Projects (2018)	Change between All Projects (2018) and Existing	Change between All Projects and (2018) Ambient Growth
Cataract (Cody to Allen)	49.3	49.5	51.3	2.0	1.8
Allen Avenue (Cataract to San Dimas)	64.2	64.3	64.8	0.6	0.5
San Dimas Avenue, Gladstone Street	64.6	64.7	64.9	0.3	0.2

Cumulative Development Growth in 2035: As described above, the cumulative development would include the Oak Valley development of 28 single family units, the Conceptual Lot Plan and proposed development that is currently under construction. It is estimated that the cumulative growth of all of these projects would result in approximately a total of 12,761 vehicular trips per day in 2035. The increase over the existing planned development in the area is 742 vehicular trips per day. This increase in traffic resulting from implementation of the project would result in a limited increase the ambient noise levels in proximity to the project area. As shown in Table 12, the 2035 cumulative all project condition would increase noise levels along traffic segments by a maximum of 2.4 dBA L_{eq} and 1.7 dBA L_{eq} above Existing and Ambient noise levels respectively. This increase would not exceed the 3 dBA threshold; thus, impacts related to traffic noise increases to the sensitive receiver locations would be less than significant.

Table 12. 2035 Cumulative Traffic Noise Levels

Roadway Segment	Estimated dBA, CNEL at 50 feet from Roadway Centerline				
	<i>Existing (2016)</i>	<i>No Project Ambient Growth (2035)</i>	<i>Cumulative All Projects (2035)</i>	<i>Change between All Projects (2035) and Existing</i>	<i>Change between All Projects and (2035) Ambient Growth</i>
Cataract (Cody to Allen)	49.3	50.0	51.7	2.4	1.7
Allen Avenue (Cataract to San Dimas)	64.2	64.8	65.3	1.1	0.5
San Dimas Avenue, Gladstone Street	64.6	65.2	65.4	0.8	0.2

Stationary Equipment Noise

Heating, Ventilating, and Air Conditioning Equipment Noise

Once the Oak Valley development is operational, a constant source of noise may be generated from operation of heating, ventilating, and air conditioning (HVAC) systems. However, as an industry practice, the design of the onsite HVAC units and other noise-generating mechanical equipment associated with the Oak Valley development would typically be installed on the rooftops of residential and located either within an enclosure or behind other intervening structures that would provide a level of noise shielding for nearby noise sensitive uses. Although the operation of this equipment would generate noise, the design of these onsite HVAC units and exhaust fans would be required to comply with the regulations of the City’s Municipal Code Section 8.36.030, which states that fixed and mobile equipment or machinery noise is not allowed to exceed the noise limits set forth in Section 8.36.040 (the City’s Noise Ordinance listed above). Onsite equipment would be required through the plan check process to be designed and/or installed such that it would be sited or shielded to limit noise levels that could affect nearby uses (pursuant to the Municipal Code regulations). In addition, nighttime noise limits would be applicable to any equipment items required to operate between the hours of 8:00 pm and 7:00 am. When these design measures are taken into consideration with the existing urban noise environment, the noise generated from HVAC systems and other

mechanical equipment at the new development site would not increase ambient noise levels by 3 dBA or greater. As a result, noise impacts on the existing and future adjacent residential uses in the area from HVAC or other mechanical equipment would be less than significant.

Development of both the Oak Valley Development and the Conceptual Lot Area and other development within the project area between 2018 and 2035 would also be required to comply with the same Municipal Code regulations that would be checked for compliance during the City's plan check process, which would ensure that potential impacts related to stationary equipment noise would be less than significant. When these design measures are taken into consideration with the existing urban noise environment, the noise generated from HVAC systems and other mechanical equipment at the new development site would not increase ambient noise levels by 3 dBA or greater. As a result, noise impacts on the existing and future adjacent residential uses in the area from HVAC or other mechanical equipment would be less than significant.

Noise/Land Use Compatibility

The City's General Plan Noise Element indicates that noise levels between 50 and 60 dBA CNEL are acceptable; and noise levels between 55 and 70 CNEL are conditionally acceptable for single-family residential uses.

The 24-hour average noise levels surrounding the project area are influenced primarily by traffic on local roadways. As described above, the ambient noise in the vicinity of the project area is 49 dBA CNEL.

As described above in Section 3.1, *Noise Criteria*, a significant impact related to noise-sensitive land uses would occur if the project results in an increase of 3 dBA at the property line of a sensitive land use that currently experiences ambient noise levels at or above 50 dBA CNEL. Where the existing ambient noise level at a noise-sensitive land use is below 50 dBA CNEL, then a significant impact would occur if project operations would cause an increase of 5 dBA CNEL at the property line of the sensitive land use.

Proposed Oak Valley Development: As shown above in **Table 10**, ambient noise levels along the affect roadway segments are in the conditionally acceptable area. As shown in **Table 9**, the Oak Valley Development would increase noise levels along traffic segments by a maximum of 1.8 dBA L_{eq} and 1.6 dBA L_{eq} above Existing and Ambient noise levels respectively. This increase would not exceed the 3 dBA CNEL threshold; thus, impacts related to noise and land use compatibility from implementation of the Oak Valley Development would be less than significant.

Cumulative Development Growth in 2018 and 2035: As previously discussed, development of both the proposed Oak Valley Development, the Conceptual Lot Plan and other planned for either cumulative years would not result in traffic-related noise that not exceed the 3 dBA CNEL threshold. Thus, the combined effect of operational noise from these projects would result in a less than significant related to noise and land use compatibility for cumulative years 2018 and 2035 respectively.

5.2 Exposure of persons to, or generation of, excessive ground-borne vibration or ground-borne noise levels

Construction

Proposed Oak Valley Development: Construction activities for the proposed project would include demolition and grading activities, which have the potential to generate low levels of groundborne vibration. Persons residing and working in close proximity to the project area could be exposed to the generation of excessive groundborne vibration or groundborne noise levels related to construction activities. The results from vibration can range from no perceptible effects at the lowest vibration levels, to low rumbling sounds and perceptible vibrations at moderate levels, to slight structural damage at the highest levels. Ground vibrations from construction activities very rarely reach the levels that can damage structures, but they can be perceived in the audible range and be felt in buildings very close to a construction site.

The project would involve the temporary and intermittent use of construction equipment for various construction activities at the project site, which can result in the generation of groundborne vibration levels. Groundborne vibration is a concern when sensitive receptors, such as homes, are in proximity to the vibration sources. No pile driving or blasting, which are considered to be major sources of vibration levels, would be required for the proposed project.

The various PPV vibration velocities for several types of construction equipment, along with their corresponding RMS velocities (in VdB), that can generate perceptible vibration levels are identified in **Table 13**. As shown, vibration velocities could range from approximately 0.003 to 0.089 inch-per-second PPV at 25 feet from the source activity, depending on the type of construction equipment in use, which corresponds to RMS velocity levels of 58 to 87 VdB at 25 feet, respectively, from the source activity. For the purpose of this analysis, the vibration level for a large bulldozer provided in Table 12 was used to evaluate vibration source levels at the nearest sensitive receptor from project construction.

Table 13. Vibration Source Levels for Construction Equipment at 25 Feet

Equipment	PPV (in/sec)	RMS (VdB)
Large Bulldozer	0.089	87
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79
Small Bulldozer	0.003	58

SOURCE: FTA, 2006

For the purpose of this analysis, the single-family residential structures are considered to be new residential structures per the Caltrans vibration criteria (refer to Table 6). As the existing single-family residences would not be exposed to PPV groundborne vibration levels that exceed the 0.5 in/sec PPV threshold for continuous/frequent intermittent vibration sources shown in Table 3, vibration impacts associated with building damage would be less than significant. Additionally, based on Caltrans criteria for human annoyance (refer to Table 7), the vibration levels experienced at the single-family residences would be between distinctly and strongly perceptible. However, construction activities would only be temporary in nature and any construction activities occurring along the project site boundary directly adjacent to the single-family residences would only occur for a short duration in relation to the overall project construction schedule. In addition, project construction would occur in accordance with the permissible construction hours established by the City. Thus, vibration impacts associated with human annoyance would be less than significant.

It is anticipated that the future build out of the Oak Valley development, the Conceptual Lot Plan and other projects under construction and proposed in the project area would not occur at the same time. It is predicted that over the next 20 years only 10 percent of the planned development would be constructed and the various phases of construction would not occur at the same time. The construction vibration levels would be similar to the maximum construction vibration levels predicted for the Oak Valley Development. Thus, potential vibration from construction equipment would be similar to those listed in Table 12. Hence, potential future development over the next 20 years is not anticipated to expose sensitive receptors to PPV groundborne vibration levels that exceed the 0.5 in/sec PPV threshold for continuous/frequent intermittent vibration sources, and vibration impacts associated with building damage would be less than significant. In addition,

based on Caltrans criteria for human annoyance (refer to Table 7), the vibration levels experienced at the single-family residences would be between distinctly and strongly perceptible. However, the construction activities would be temporary in nature and would occur in accordance with the permissible construction hours established by the City. Thus, vibration impacts associated with human annoyance from development of the Conceptual Lot Area would be less than significant.

Operation

Proposed Oak Valley Development: The proposed residential land uses would not involve activities or operation of stationary or mobile equipment that would result in high vibration levels, which are more typical for large industrial projects that employ heavy machinery. During project operations, the primary source of vibration would likely be vehicle circulation within and adjacent to the project area. However, the FTA's *Transit Noise and Vibration Impact Assessment* states that it is unusual for vibration from vehicular sources (including buses and trucks) to be perceptible, even in locations close to major roads. As such, no sources of "excessive" groundborne vibration or noise levels are anticipated during operations of either residential area.

Cumulative Development Growth in 2018 and 2035: As described above, the proposed residential uses in the Oak Valley Development project and within future build out of the Conceptual Lot Plan and the build out of other proposed project in the area from 2018 to 2035 would not involve activities or operation of stationary or mobile equipment that would result in high vibration levels. Therefore, because substantial vibration would not occur from the residential and other planned uses in the areas impacts would be less than significant.

5.3 A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project.

Traffic Noise

Proposed Oak Valley Development: As described above in Section 5.1, the proposed project would generate 266 daily vehicular trips to and from the project site, and a significant impact related to traffic noise would occur if the project results in an increase of 3 dBA CNEL. However, as show on Table 9, the proposed project would not exceed the 3 dBA CNEL threshold. Therefore, traffic from the proposed Oak Valley

Development project would not result in a substantial permanent increase in ambient noise levels in the project vicinity, and impacts would be less than significant.

Cumulative Development Growth in 2018 and 2035: The combined effect of development of the proposed Oak Valley Development and Conceptual Lot Area would result in approximately 742 vehicular trips per day, which would not exceed the 3 dBA CNEL threshold. Thus, the combined effect of traffic noise from both the proposed Oak Valley Development and potential future build out of the Conceptual Lot Area would not result in a substantial permanent increase in ambient noise levels in the project vicinity, and impacts would be less than significant.

Onsite Stationary Noise Sources

Proposed Oak Valley Development: As described previously, in Section 5.1, equipment on the project site, including HVAC units and exhaust fans would be installed in compliance with the City's Municipal Code Sections 8.36.030 and 8.36.040, which requires that all equipment be installed in compliance with the City's noise limits, which would be checked for compliance during the City's plan check process. Therefore, onsite stationary noise equipment associated with the proposed Oak Valley Development would not result in a substantial permanent increase in ambient noise levels, and impacts would be less than significant.

Cumulative Development Growth in 2018 and 2035: As described above, development of both the Oak Valley Development and the Conceptual Lot Plan along with other plan projects between 2018 and 2035 would be required to comply with the same Municipal Code regulations that would be checked for compliance during the City's plan check process, which would ensure that potential impacts related to a substantial permanent increase in ambient noise levels from stationary equipment noise would be less than significant.

5.4 A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project

Proposed Oak Valley Development: As described under Section 5.1, the project's construction noise levels would expose the neighboring land uses to increased noise levels over existing conditions. In summary, the project's maximum estimated off-site construction noise levels could range from 82 dBA Leq to 76 dBA L_{eq} at the adjacent residential uses during project construction. Construction activities associated with the proposed Oak Valley Development project would not generate episodic noise levels that

would exceed the existing daytime ambient noise levels at noise-sensitive receptors along San Dimas Avenue.

However, the increase in noise levels during project construction would be temporary in nature, and would not generate continuously high noise levels, although occasional single-event disturbances from construction are possible. In addition, the operation of each piece of construction equipment at the project site would not be constant throughout the construction day, as equipment would be turned off when they are not in use. The typical operating cycle for a piece of construction equipment would involve one or two minutes of full power operation followed by three or four minutes at lower power settings. To further mitigate potential noise impacts during construction, construction staging areas for each phase shall be as far from sensitive receptor as possible. Also, all construction equipment must be store on the project site during the construction phase to eliminate daily heavy-duty truck trips on vicinity roadways.

The applicant is proposing a perimeter block wall. Requiring the perimeter wall to be constructed as part of Phase 1 which will assist in mitigating noise levels during construction.

Cumulative Development Growth in 2018 and 2035: As described above, the potential future construction of the Oak Valley development, the Conceptual Plan, in addition to future growth between 2018 and 2035 would not occur at the same time as construction of the proposed Oak Valley Development project. It is predicted that over the next 20 years only 10 percent of the planned development would be constructed and the various phases of construction would not occur at the same time. The construction levels would be similar to the maximum construction levels predicted for the Oak Valley Development. Construction activities would be restricted to hours per City Ordinance. Therefore, noise from construction related activities would not combine to result in an incrementally substantial increase in noise. Therefore noise impacts would be less than significant level.

5.5 For a project located within 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?

The closest airport to the project area is the Brackett Field Airport that is located slightly over 2 miles southeast of the project area. The project is located within the Brackett Field Airport Influence Area, but is not within the airport's noise contours. Therefore, the proposed project would not expose people in the project area to excessive noise levels associated with airports.

5.6 For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

The project area is not located in the vicinity of a private airstrip. Therefore, the proposed project would not expose people working in the project area to excessive noise levels associated with a private airstrip.

6.0 CONCLUSION

The noise assessment demonstrates that the Oak Valley development project would result in less than significant operational, vibration and construction impacts with the restriction of construction hours according to city construction regulations. In addition, the Oak Valley development along with the Conceptual Lot Plan and proposed projects that would be phased in between 2018 and 2035 would not cause a cumulative operational noise impacts in the project area. Construction of the Oak Valley development project in addition to the adjacent Conceptual Lot Plan and other planned projects would not occur at the same time. Therefore, it was assumed that a conservative 10 percent of the planned projects at any one time between the 2018 and 2035 time period would be equivalent to the maximum predicted noise levels generated by the Oak Valley development project. With the implementation of restricted construction hours, cumulative impacts from construction are considered to be less than significant. Further, the proposed residential uses in the Oak Valley Development project along with the future build out of the Conceptual Lot Plan other proposed projects in the area from 2018 to 2035 would not involve activities or operation of stationary or mobile equipment that would result in high vibration levels. Therefore, because substantial vibration would not occur from the residential and other planned uses in the areas, impacts would be less than significant.

Oak Valley Development

During construction of the Oak Valley project area, the nearest sensitive receptors would be the single-family residences that are adjacent to the project area. Over the course of a construction day, the highest noise levels would be generated during the excavation and finishing phases of construction. It was determined that maximum construction noise levels at reference distance of 50 feet would be 88 dBA L_{eq} . Depending upon the location of construction and distance to residential homes, maximum noise levels could range from 76 dBA L_{eq} to 82 dBA L_{eq} during project construction. Consequently, construction that occurs immediately adjacent to these existing offsite receptors would generate noise levels that would be substantially greater than existing noise levels near the project site. It is likely, that this maximum noise levels would not be sustained for long periods of time as construction equipment engines would likely be intermittently turned on and off over the course of a construction day. The City's construction regulations exempted construction activities from established noise standards as long as the activities do not take place between 8:00 pm and 7:00 am on weekdays, including Saturday, or any time on a Sunday or public holiday. Although in compliance with the City's construction regulations, the construction of the Oak Valley development would result in a substantial

temporary and periodic increase in ambient noise levels at the existing sensitive receptors adjacent to the project site.

Once the Oak Valley development is operational, a constant source of noise may be generated from operation of heating, ventilating, and air conditioning (HVAC) systems. However, as an industry practice, the design of the onsite HVAC units and other noise-generating mechanical equipment associated with the Oak Valley development would typically be installed on the rooftops of residential and located either within an enclosure or behind other intervening structures that would provide a level of noise shielding for nearby noise sensitive uses. The HVAC units and exhaust fans would be required to go through plan check and comply with the regulations of the City's Municipal Code Section 8.36.030, stay below the noise limits set forth in Section 8.36.040 (the City's Noise Ordinance listed above) and adhere to nighttime noise limits between the hours of 8:00 pm and 7:00 am. When these design measures are taken into consideration at Oak Valley development would not increase ambient noise levels by 3 dBA or greater. As a result, noise impacts would be less than significant.

In regards to land use compatibility with surrounding sensitive receptors and impacts related to traffic noise, the proposed Oak Valley Development project would not generate result in an increase in traffic noise levels that would not exceed the 3 dBA threshold. Therefore, project generated traffic related noise from the Oak Valley Development would be less than significant impact.

In regards to construction vibration from both the proposed Oak Valley Development and the potential future build out of the Conceptual Lot Area, the existing nearby single-family residences would not be exposed to PPV groundborne vibration levels that exceed the thresholds for building damage. Therefore, impacts would be less than significant. Additionally, construction activities from the Oak Valley Development would be temporary in nature, and vibration impacts associated with human annoyance would be less than significant.

The project site is located slightly over two miles from Brackett Field Airport and is located within the Brackett Field Airport Influence Area, but not within the airport's noise contours. Therefore, the proposed project would not expose people in the project area to excessive noise levels associated with airports.

The project site is not located in the vicinity of a private airstrip. Therefore, impacts relating to private airstrip noise activity would be less than significant.

Cumulative Development Growth in 2018 and 2035

Cumulative development of the proposed Oak Valley Development, the Conceptual Plan along with projects under construction would result in approximately a total of 5,653 vehicular trips per day in 2018. In 2035, additional development is proposed that would increase the total vehicular trips per day to 12,761. This increase in traffic under both cumulative years would result in a limited increase and would not exceed the 3 dBA CNEL threshold above future ambient noise levels for 2018 and 2035 respectively. Thus, 2018 and 2035 cumulative operational noise impacts would be less than significant.

Mitigation Measures

NOI-1 Construction staging areas for each project phase shall be as far as possible from sensitive receptors as possible.

NOI-2 All construction equipment shall be stored on the project site during the construction phase to eliminate daily heavy-duty truck trips on vicinity roadways.

NOI-3 All powered construction equipment shall be equipped with exhaust mufflers or other suitable noise reduction devices.

NOI-4 The project shall comply with the City of San Dimas Municipal Code Chapter 8.36.

7.0 REFERENCES

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City of San Dimas Municipal Code: Available online at: <http://qcode.us/codes/sandimas/>

City of San Dimas Municipal Code, Title 8 Health and Safety, Chapter 8.36 Noise Ordinance. Available online at: http://qcode.us/codes/sandimas/view.php?topic=8-8_36

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Lindscott Law & Greenspan Engineers. 2015 (LLG, 2015). Traffic Impact Study Oak Valley Project, October 15, 2015.

Appendix A Noise Modeling Results

(provided on a separate disk)

	Roadway Segment	Existing (2016) ADT	2018 w ambient growth	2018 w project	2018 w/project & related projects	2035 w ambient growth
1	Cataract Avenue/Allen Avenue					
2	San Dimas Avenue/Allen Avenue					
3	San Dimas Avenue/Gladstone Street					

2035 w project	2035 w/project & related projects

Background Leq and Hour Averaging DNL

Hour	Background Leq	LEQ DNL is Leq +10	LEQ DNL	DNL/hour
			$10^{(D/10)}$	$10 * \text{LOG}_{10}(E)$
0	39.025	10 49.025 DNL	79891.39417	93325430.1 38.26947
1	37.45	10 47.45 DNL	55590.42573	2290867.65 38.492
2	36.85	10 46.85 DNL	48417.23676	30199517.2 38.63
3	37.025	10 47.025 DNL	50408.06191	30199517.2 36.39454
4	39.7	10 49.7 DNL	93325.43008	91201083.9 38.7492
5	48.175	10 58.175 DNL	656901.1165	60255958.6 47.7759
6	47.025	10 57.025 DNL	504080.6191	954992.59 46.40137
7	47.925	47.925	62015.46437	1479108.39 47.67034
8	49.4	49.4	87096.359	2290867.65 49.34834
9	47.025	47.025	50408.06191	537031.8 50.46388
10	44.625	44.625	29006.81199	309029.54 46.338
11	56.875	56.875	486967.5252	4365158.32 66.07263
12	48.15	48.15	65313.05526	933254.3 48.19688
13	48.35	48.35	68391.16473	1047128.55 47.51269
14	46.95	46.95	49545.01908	2398832.92 47.38119
15	44	44	25118.86432	11481536.2 48.45762
16	46.05	46.05	40271.70343	5495408.74 46.11149
17	47.275	47.275	53394.92736	5370317.96 48.66102
18	44.575	44.575	28674.77376	6309573.44 45.42661
19	43.675	5 48.675 CNEL	73705.51753	7413102.41 44.59722
20	40.2	5 45.2 CNEL	33113.11215	6918309.71 43.41513
21	41.025	5 46.025 CNEL	40040.54683	11481536.2 42.37482
22	38.95	10 48.95 DNL	78523.56346	29512092.3 45.71171
23	41.625	10 51.625 DNL	145378.4386	87096359 40.23787
(Hour 23 is 23:00 to 23:59)			Average=	121065.7997

10LOG10 of (Average= 50.83021475 DNL hr Avgn

(wrong answer example when using Excel averaging of 'dB' values in column G)

45.52875

Cataract	49.3	49.5	51.1	51.3	50	51.5	51.7
Allen	64.2	64.3	64.4	64.8	64.8	64.9	65.3
San Dimas Ave	64.6	64.7	64.8	64.9	65.2	65.3	65.4

CNEL	Factors	$10 \cdot \text{LOG}(4.17/\text{ADT}\%)$	-4.015546424	$10 \cdot \text{LOG}(D+4.77E+10N)$	4.045771677				
Receiver	Measured	Calibration	Existing	2018 Ambient	2018 Project	2018 Cumulative	2035 Ambient	2035 Project	2035 Cumulative
Cataract			49.3	49.5	51.1	51.3	50.0	51.5	51.7
Allen			64.2	64.3	64.4	64.8	64.8	64.9	65.3
San Dimas Ave			64.6	64.7	64.8	64.9	65.2	65.3	65.4

SLM & RTA Summary

Translated: 08-Mar-16 18:23:05

File Translated:

Model Number: 824

Serial Number: A3517

Firmware Rev: 4.29

Software Version: 3.12

Name: ENTECH CONSULTING GROUP

Descr1: 43410 Business Park Dr

Descr2: Temecula Ca 92590

Setup: SLM&RTA.ssa

Setup Descr: SLM & Real-Time Analyzer

Location:

Note 1:

Note 2:

Overall Any Data

Start Time: 24-Feb-16 1:01:52

Elapsed Time: 45:11.2

	A Weight	C Weight	Flat
Leq:	57.5 dBA	68.4 dBC	69.3 dBF
SEL:	107.2 dBA	118.1 dBC	119.0 dBF
Peak:	112.0 dBA	114.3 dBC	114.9 dBF

02/24/2016 2:35 02/24/2016 2:35 02/24/2016 2:35

Lmax (slow):	86.5 dBA	95.7 dBC	96.2 dBF
	02/25/2016 1:59	02/24/2016 2:15	02/27/2016 2:15

Lmin (slow):	26.5 dBA	25.3 dBC	25.4 dBF
	02/27/2016 3:23	02/27/2016 3:26	02/27/2016 3:26

Lmax (fast):	88.7 dBA	98.3 dBC	98.6 dBF
	02/24/2016 2:35	02/27/2016 2:15	02/27/2016 2:15

Lmin (fast):	26.1 dBA	25.1 dBC	25.3 dBF
	02/27/2016 3:24	02/27/2016 3:26	02/27/2016 3:23

Lmax (impulse):	93.5 dBA	98.8 dBC	99.1 dBF
	02/24/2016 2:35	02/27/2016 2:15	02/27/2016 2:15

Lmin (impulse):	26.3 dBA	25.1 dBC	25.3 dBF
	02/27/2016 3:24	02/27/2016 3:25	02/27/2016 3:25

Spectra

Start Time: 24-Feb-16 14:35:15 PM Run Time: 41:56.7

Freq Hz	Leq 1/1 Oct	Max 1/1 Oct	Min 1/1 Oct	
16	57.5	67	-9.4	
31.5	57.9	66.5	-10.2	
63	62.7	81.5	-9.4	

125	59.5	83.8	-5.1
250	56.5	87.2	-0.3
500	55.1	82.8	3.1
1000	48.5	81.4	5.1
2000	47.4	77.8	7.7
4000	35.5	74.6	10.4
8000	31.7	71.1	13.4
16000	23.7	69	19.4

Ln Start Level: 15 dB

L 1.00	0 dBA
L 5.00	0 dBA
L 50.00	0 dBA
L 90.00	0 dBA
L 95.00	0 dBA
L 99.00	0 dBA

Detector: Fast

Weighting: A

SPL Exceedance Level 1: 85.0 dB Exceeded: 17 times

SPL Exceedance level 2: 120 dB Exceeded: 0 times

Peak-1 Exceedance Level 105 dB Exceeded: 5 times

Peak-2 Exceedance Level 100 dB Exceeded: 5 times

Hysteresis: 2

Overloaded: 0 time(s)

Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 24-Feb-16 2:35:15

Elapsed Time: 41:56.7

	A Weight	C Weight	Flat
Leq:	55.5 dBA	65.7 dBC	66.4 dBF
SEL:	105.0 dBA	115.2 dBC	116.0 dBF
Peak:	112.0 dBA	114.3 dBC	114.9 dBF
	02/24/2016 2:35	02/24/2016 2:35	02/24/2016 2:35

Lmax (slow):	86.5 dBA	95.0 dBC	95.2 dBF
	02/25/2016 1:59	02/25/2016 1:59	02/25/2016 1:59

Lmin (slow):	34.5 dBA	50.0 dBC	51.6 dBF
	02/24/2016 18:27	02/24/2016 17:05	02/24/2016 17:06

Lmax (fast):	88.7 dBA	95.9 dBC	96.1 dBF
	02/24/2016 2:35	02/25/2016 1:59	02/25/2016 1:59

Lmin (fast):	34.0 dBA	48.4 dBC	49.8 dBF
	02/24/2016 18:27	02/24/2016 17:06	02/24/2016 17:06

Lmax (impulse): 93.5 dBA 97.1 dBC 97.3 dBF
 02/24/2016 2:35 02/24/2016 2:35 02/24/2016 2:35
 Lmin (impulse): 34.4 dBA 50.9 dBC 52.2 dBF
 02/24/2016 18:27 02/24/2016 17:05 02/24/2016 17:06

Calibrated: 02/21/2016 21:11 Offset: -50.3 dB
 Checked: 02/21/2016 21:11 Level: 94.0 dB
 Calibrator not set Level: 94.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval R 10
 History Records: Enabled Number History Re 1563
 Run/Stop Records: Number Run/Stop 20

824 SLM/RTA Run/Stop Log

Translated: 08-Mar-16 18:23:05

Rec #	Date	Time	R/S Num	Type	Cause	Time Hist Num
1	24-Feb-16	1:01:52	1	Run	Key	1
2	24-Feb-16	1:16:52	1	Stop	Intv	17
3	24-Feb-16	1:30:58	2	Run	Key	18
4	24-Feb-16	1:45:58	2	Stop	Intv	34
5	24-Feb-16	1:51:50	3	Run	Key	35
6	24-Feb-16	2:06:51	3	Stop	Intv	51
7	24-Feb-16	2:08:51	4	Run	Key	52
8	24-Feb-16	2:08:58	4	Stop	Key	53
9	24-Feb-16	2:09:15	5	Run	Key	54
10	24-Feb-16	2:24:15	5	Stop	Intv	70
11	24-Feb-16	3:23:18	6	Run	Key	71
12	24-Feb-16	3:24:24	6	Stop	Batt	73
13	24-Feb-16	3:24:52	7	Run	Key	74
14	24-Feb-16	3:26:46	7	Stop	Batt	76
15	24-Feb-16	3:27:47	8	Run	Key	77
16	24-Feb-16	3:27:54	8	Stop	Key	78
17	24-Feb-16	2:35:15	9	Run	Key	79
18	25-Feb-16	1:55:35	9	Stop	Key	1480
19	25-Feb-16	1:55:55	10	Run	Key	1481
20	25-Feb-16	3:17:32	10	Stop	Key	1563

Calibration Check Log

Translated: 08-Mar-16 18:23:05

824 Logging Sound Level Meter Time History

Translated: 08-Mar-16 18:23:05

Rec #	Date	Time	Leq	A-Max	Slow A	MinSlow	C-TWA	C-Peak	F-Peak	Battery	Temp
1	24-Feb-16	1:01:52	Run:Key								
2	24-Feb-16	1:01:52		65.9	70.7	62.5	78	92.7	93.1	4.1	57.1
3	24-Feb-16	1:02:52		65.2	70.9	60	78.6	98.1	99.7	4.1	58.4

4	24-Feb-16	1:03:52	65.4	72.9	60.2	82.1	99.5	100.3	4.1	59.5
5	24-Feb-16	1:04:52	65.5	69.8	60.5	79.7	95.8	96.6	4.1	60.4
6	24-Feb-16	1:05:52	63	68.1	58.1	77.6	93	94.7	4.1	61.2
7	24-Feb-16	1:06:52	63.7	68.5	60.3	77	92.5	94.5	4.1	61.9
8	24-Feb-16	1:07:52	64.5	69	60.3	78	94.3	95	4.1	62.5
9	24-Feb-16	1:08:52	64.3	71.9	58.4	78.8	98.7	101.8	4	63.1
10	24-Feb-16	1:09:52	64	68.8	58.1	77.8	93.1	93.8	4	63.7
11	24-Feb-16	1:10:52	63.2	67.7	59.5	75.9	91.3	92.9	4	64.1
12	24-Feb-16	1:11:52	63.7	67.7	59.2	78.9	93.3	95	4	64.6
13	24-Feb-16	1:12:52	64.6	68.9	59.7	77.3	92.7	92.9	4	65.1
14	24-Feb-16	1:13:52	64.3	66.9	61.8	78.2	93.3	94.4	4	65.6
15	24-Feb-16	1:14:52	65.1	68.2	61.5	76.8	91.3	91.9	4	66
16	24-Feb-16	1:15:52	64.9	71.2	58.5	78.4	105.6	107.6	4	66.4
17	24-Feb-16	1:16:52 Stop:Intv								
18	24-Feb-16	1:30:58 Run:Key								
19	24-Feb-16	1:30:58	60	66	56.4	73.3	93.2	96.2	4	69.1
20	24-Feb-16	1:31:58	63.4	68	57.1	76.3	92.3	94.3	4	70.1
21	24-Feb-16	1:32:58	62.4	67	57.3	73	89	91.1	4	70.8
22	24-Feb-16	1:33:58	61.1	66.2	55.2	71.1	88.7	88.9	4	71.4
23	24-Feb-16	1:34:58	62.7	67.2	57.7	72.9	89.8	90.2	4	71.8
24	24-Feb-16	1:35:58	63.2	68.1	58.6	73.6	94	94.2	4	72.1
25	24-Feb-16	1:36:58	63.1	68	57.1	73.4	97.3	98.8	4	72.4
26	24-Feb-16	1:37:58	61.9	69.5	56	73.5	91.7	92.8	4	72.6
27	24-Feb-16	1:38:58	57.9	61.5	56.1	72.3	90.1	90.5	4	72.8
28	24-Feb-16	1:39:58	59.7	64.9	56.1	73.5	89	90	4	72.9
29	24-Feb-16	1:40:58	61.3	72.2	57.5	74.3	104.4	106.7	3.9	73
30	24-Feb-16	1:41:58	59.8	64.4	56.9	74.2	94.5	96	3.9	73.2
31	24-Feb-16	1:42:58	61.4	71.8	56.9	73.2	93.1	93.2	3.9	73.3
32	24-Feb-16	1:43:58	59.9	65.7	57.4	74.2	91.5	92.4	3.9	73.4
33	24-Feb-16	1:44:58	60	63.9	57.6	74	88.5	89.8	3.9	73.5
36	24-Feb-16	1:51:50	63.6	70.9	58.3	75.4	95.2	95.3	4	72.7
37	24-Feb-16	1:52:50	62.7	69.8	58.9	74.9	92.4	92.7	4	73.5
38	24-Feb-16	1:53:50	61.1	64.8	59.4	72.4	89.4	89.3	3.9	74.3
39	24-Feb-16	1:54:50	62.4	66.6	59	73	94.7	95.1	3.9	75
40	24-Feb-16	1:55:50	62.2	66.2	59	73.9	91.2	91.3	3.9	75.7
41	24-Feb-16	1:56:50	65.3	70.4	60.1	76.8	92.5	92.8	3.9	76.3
42	24-Feb-16	1:57:50	64.3	72.2	59.7	74.9	93.9	93.3	3.9	77
43	24-Feb-16	1:58:50	63.9	72.1	59.9	75.4	98.2	98.5	3.9	77.7
44	24-Feb-16	1:59:50	62.6	70.3	58.8	73.8	93.3	93.9	3.9	78.3
45	24-Feb-16	2:00:50	66.6	77.2	58.6	74.7	100.8	101	3.9	78.9
46	24-Feb-16	2:01:50	66.7	75.7	59.7	75.9	93.2	93.2	3.9	79.5
47	24-Feb-16	2:02:50	71	78.5	61.9	81	100.6	100.5	3.9	79.9
48	24-Feb-16	2:03:50	62.6	66.5	60.6	74.2	91.1	93.7	3.9	80.4
49	24-Feb-16	2:04:50	67.2	78.4	61.4	77.1	99.3	99.6	3.9	80.8
50	24-Feb-16	2:05:50	62.7	67.2	60.1	74.6	90.4	91.7	3.9	81.2
55	24-Feb-16	2:09:15	71.9	79.3	64.9	84.3	102.5	103.3	3.9	81.2
56	24-Feb-16	2:10:15	72.3	81.5	67	82.9	103.6	104.3	3.9	81.5

57	24-Feb-16	2:11:15	68.9	75	66.1	80.5	96.6	96.9	3.9	81.6
58	24-Feb-16	2:12:15	72	75.3	68.6	84.9	102.8	103.6	3.9	81.5
59	24-Feb-16	2:13:15	72.7	76.1	67.9	83.8	99.7	102.1	3.9	81.3
60	24-Feb-16	2:14:15	69.9	80.6	64.7	81.2	102.4	102.9	3.9	81.2
61	24-Feb-16	2:15:15	74.3	79.7	71.4	86	105.6	106.2	3.9	81
62	24-Feb-16	2:16:15	75.8	82.2	71.2	84.5	101.5	101.2	3.9	80.8
63	24-Feb-16	2:17:15	68.8	75.7	65.5	82.4	95.5	96.7	3.9	80.6
64	24-Feb-16	2:18:15	73.2	77.1	69.9	83.7	102.3	102	3.9	80.3
65	24-Feb-16	2:19:15	71.1	76.7	66.4	82.7	98.3	99	3.9	80.1
66	24-Feb-16	2:20:15	68.3	73.6	63.9	81.1	97.5	97	3.9	79.9
67	24-Feb-16	2:21:15	70.3	76.1	64	83.4	100.2	101.8	3.9	79.6
68	24-Feb-16	2:22:15	69.5	72.9	64.6	81.6	95.4	96.3	3.9	79.4
69	24-Feb-16	2:23:15	69.4	72.5	67.1	83.1	98.9	99.7	3.9	79.3
72	24-Feb-16	3:23:18	26.7	26.9	26.5	26	42.6	33.9	3.8	79.4
75	24-Feb-16	3:24:52	26.7	26.9	26.5	26.1	42.6	34	3.8	79.8
80	24-Feb-16	2:35:15	63.7	79.9	41.3	68.7	114.3	114.9	3.8	77.2
81	24-Feb-16	2:36:15	47.4	53.2	40.7	61.5	78.6	83.2	3.8	77.9
82	24-Feb-16	2:37:15	45.4	49.5	42.3	61.1	76.5	78.4	3.8	78.5
83	24-Feb-16	2:38:15	51.4	57.4	42.8	64.3	82.5	82.9	3.8	79.1
84	24-Feb-16	2:39:15	45.1	47.8	42.9	60.7	74.7	75.7	3.8	79.7
85	24-Feb-16	2:40:15	47	55.4	41.9	64.7	85.2	85.5	3.8	80.2
86	24-Feb-16	2:41:15	47.3	54.2	43.4	63	84.4	85.1	3.8	80.7
87	24-Feb-16	2:42:15	45	53	41.9	60.4	75.6	76.7	3.8	81
88	24-Feb-16	2:43:15	47	51.9	41	64.5	79.5	80	3.8	81.4
89	24-Feb-16	2:44:15	47.7	53.8	40.1	69.7	83.4	84.1	3.8	81.8
90	24-Feb-16	2:45:15	44.2	53.2	40.3	60	76.7	77.6	3.8	82.1
91	24-Feb-16	2:46:15	45.5	58	40.3	59	76.7	76.6	3.8	82.3
92	24-Feb-16	2:47:15	44.4	53.7	40.7	60	75.5	78	3.8	82.7
93	24-Feb-16	2:48:15	45.5	57	40.5	60.3	79.9	82.9	3.8	82.9
94	24-Feb-16	2:49:15	43.8	48.5	40.4	61.1	77	76.9	3.8	83.1
95	24-Feb-16	2:50:15	43.8	48.2	41.1	60.6	74.4	76.2	3.8	83.4
96	24-Feb-16	2:51:15	50.8	62.8	41.3	65.5	86.6	87	3.8	83.6
97	24-Feb-16	2:52:15	46.7	53.2	40.9	63.6	80.7	83.5	3.8	83.8
98	24-Feb-16	2:53:15	53.6	68.7	40.6	69.6	94.2	94.2	3.8	83.9
99	24-Feb-16	2:54:15	47.4	55.6	41.6	64	83.1	83.2	3.8	84.1
100	24-Feb-16	2:55:15	43.5	50.3	40.9	60.8	74.5	76.3	3.8	84.3
101	24-Feb-16	2:56:15	44.2	48.9	40.4	60.6	77.2	78	3.8	84.4
102	24-Feb-16	2:57:15	45.5	49.8	42.2	60.6	76	78.5	3.8	84.6
103	24-Feb-16	2:58:15	43.7	46.8	40.8	60.2	73.8	74.3	3.8	84.8
104	24-Feb-16	2:59:15	44.7	49.6	40.8	60.6	76.7	76.6	3.8	84.9
105	24-Feb-16	3:00:15	46	51.7	41.1	61.7	78.3	80.1	3.8	85.1
106	24-Feb-16	3:01:15	43.4	49.2	40.8	60.3	78.6	79.7	3.8	85.2
107	24-Feb-16	3:02:15	42.9	46.5	40.9	58.5	71.7	74.6	3.8	85.3
108	24-Feb-16	3:03:15	46	51.1	42	60.2	75.6	76.5	3.8	85.4
109	24-Feb-16	3:04:15	46.4	52.6	41.6	62.1	76.2	76.7	3.8	85.6
110	24-Feb-16	3:05:15	44.9	52.8	40.4	60	76.9	77.7	3.8	85.7
111	24-Feb-16	3:06:15	44.3	50.2	40.2	61.6	77.1	77.9	3.8	85.8

112	24-Feb-16	3:07:15	43.4	48	40.5	59.9	74.5	76.6	3.8	86
113	24-Feb-16	3:08:15	48.1	53.3	42.3	63.6	81	82.1	3.8	86.1
114	24-Feb-16	3:09:15	41.6	43.5	40.6	58.7	73.4	74.2	3.8	86.2
115	24-Feb-16	3:10:15	45.3	49.4	42.2	61.2	75.3	75.3	3.8	86.3
116	24-Feb-16	3:11:15	44.1	48.5	40.7	61.1	77.4	78.6	3.8	86.4
117	24-Feb-16	3:12:15	48.2	59.3	41.1	65.3	86	86.1	3.8	86.5
118	24-Feb-16	3:13:15	44	49.6	40.1	62	80	81	3.8	86.5
119	24-Feb-16	3:14:15	46.4	54.9	41.1	63.5	81.2	81.5	3.8	86.7
120	24-Feb-16	3:15:15	42.5	47.7	40.6	60.3	74.2	76.2	3.8	86.7
121	24-Feb-16	3:16:15	46.4	54.7	41.6	62	78.4	78.7	3.8	86.9
122	24-Feb-16	3:17:15	43	48.5	40.6	59.1	73.7	76.1	3.8	87
123	24-Feb-16	3:18:15	46.1	54.9	41.6	64.5	85.6	86.3	3.8	87.1
124	24-Feb-16	3:19:15	51.7	59.8	41.4	69.2	88.5	89.3	3.8	87.3
125	24-Feb-16	3:20:15	57.9	66.2	43.3	71	91.1	91.6	3.8	87.4
126	24-Feb-16	3:21:15	46.6	55.6	41.6	64.9	84.9	85	3.8	87.5
127	24-Feb-16	3:22:15	46	51.2	42	62	76.9	77.6	3.8	87.6
128	24-Feb-16	3:23:15	42.6	49.8	40.6	58.5	73.6	75.1	3.8	87.6
129	24-Feb-16	3:24:15	44.2	50.8	41.2	60	76.4	75.9	3.8	87.7
130	24-Feb-16	3:25:15	46	54.5	41.3	60.3	75.5	76.3	3.8	87.7
131	24-Feb-16	3:26:15	43.7	48.3	41.4	59.7	73.6	76.1	3.8	87.8
132	24-Feb-16	3:27:15	43	49.5	40.9	59.3	76.4	77.3	3.8	87.8
133	24-Feb-16	3:28:15	51.4	55.5	42.4	65.5	81.8	82.3	3.8	87.8
134	24-Feb-16	3:29:15	44.8	49.7	41.2	62.3	77.4	78.7	3.8	87.8
135	24-Feb-16	3:30:15	48.6	52.8	42.1	64.2	87	88.9	3.8	87.8
136	24-Feb-16	3:31:15	47.7	58	41.6	63	85.9	85.8	3.8	87.9
137	24-Feb-16	3:32:15	44	49.4	41.1	60.7	75.8	78	3.8	87.9
138	24-Feb-16	3:33:15	45.5	52.5	40.6	61.4	81.3	81.9	3.8	88
139	24-Feb-16	3:34:15	47.5	58	40.3	64.4	84.1	84.9	3.8	88
140	24-Feb-16	3:35:15	46	53.7	40.6	63	82.5	83.4	3.8	88.1
141	24-Feb-16	3:36:15	46.3	52.6	41.7	62	81.7	83.1	3.8	88.1
142	24-Feb-16	3:37:15	43.9	48.4	41.6	61.3	75.4	76.6	3.9	88.2
143	24-Feb-16	3:38:15	44.5	46.8	42.4	60.9	75.4	77	3.9	88.2
144	24-Feb-16	3:39:15	44.7	49.2	41.8	60.8	74.3	75.8	3.9	88.3
145	24-Feb-16	3:40:15	46.4	51.1	42	62.7	77.6	78.9	3.9	88.3
146	24-Feb-16	3:41:15	45.7	53.8	40.4	61.8	81.6	81.4	3.9	88.4
147	24-Feb-16	3:42:15	45.7	50.1	42.7	62	76	77.6	3.9	88.5
148	24-Feb-16	3:43:15	51.1	58	45.4	63.4	79.6	80.8	3.9	88.6
149	24-Feb-16	3:44:15	48.8	57.7	42.3	65	85.4	85.8	3.9	88.7
150	24-Feb-16	3:45:15	45.3	49.3	43	60.3	74.3	80.1	3.9	88.7
151	24-Feb-16	3:46:15	47.5	54.1	43.2	62.1	82.8	82.9	3.9	88.8
152	24-Feb-16	3:47:15	47.1	54.2	43.9	62.8	81.9	82.3	3.9	88.9
153	24-Feb-16	3:48:15	45.2	51.6	43	63.4	79.8	81.2	3.9	88.9
154	24-Feb-16	3:49:15	46.2	55.8	41.4	62.6	82.4	82.8	3.9	89
155	24-Feb-16	3:50:15	44.4	52.1	40.6	60.7	77.5	78.3	3.9	89
156	24-Feb-16	3:51:15	43.3	47.9	40.5	60.9	76.7	78.2	3.9	89.1
157	24-Feb-16	3:52:15	45.1	55.2	40.8	63	84.3	84.5	3.9	89.1
158	24-Feb-16	3:53:15	46.2	57.5	41	62.8	85.2	85.6	3.9	89.1

159	24-Feb-16	3:54:15	47.9	52.5	43.2	64.1	78.3	78.6	3.9	89.2
160	24-Feb-16	3:55:15	46.4	52	42.7	62.6	77.6	80	3.9	89.3
161	24-Feb-16	3:56:15	47.2	54.1	42.3	63.5	80.8	81.9	3.9	89.3
162	24-Feb-16	3:57:15	45.6	50.7	42.2	61.6	79.7	82.2	3.9	89.4
163	24-Feb-16	3:58:15	44.2	48.2	41.7	61.1	74.9	76.5	3.9	89.4
164	24-Feb-16	3:59:15	46	53.7	42.4	62.1	76.1	77.4	3.9	89.4
165	24-Feb-16	4:00:15	47.6	55.8	41.1	62.7	79.5	79.8	3.9	89.4
166	24-Feb-16	4:01:15	46.2	52.7	41.6	62.3	78.3	81.7	3.9	89.5
167	24-Feb-16	4:02:15	43.7	48.6	41	59.6	74.8	76.8	3.9	89.5
168	24-Feb-16	4:03:15	45.8	52.2	40.8	60.3	77	76.8	3.9	89.5
169	24-Feb-16	4:04:15	46.2	51.2	43.2	61.7	75.5	76.2	3.9	89.5
170	24-Feb-16	4:05:15	46.2	50.8	42.9	64	80.4	81.7	3.9	89.6
171	24-Feb-16	4:06:15	45.7	50.7	42.3	61.6	75.4	77.4	3.9	89.6
172	24-Feb-16	4:07:15	45	51.7	41.3	61.9	81.2	81.3	3.9	89.5
173	24-Feb-16	4:08:15	46	55.1	41.3	62.3	82.9	83	3.9	89.5
174	24-Feb-16	4:09:15	45.9	55.6	41.7	63.7	84.9	85.1	3.9	89.4
175	24-Feb-16	4:10:15	45.4	51.3	42.1	61	77.5	78.1	3.9	89.3
176	24-Feb-16	4:11:15	45.3	49.9	41.7	60.9	76.9	77.6	3.9	89.2
177	24-Feb-16	4:12:15	47.7	56.2	42.2	62.3	83.1	84.3	3.9	89.1
178	24-Feb-16	4:13:15	42.6	48.5	40.7	58.6	79.6	81.9	3.9	89
179	24-Feb-16	4:14:15	43.2	49.6	40.4	59	73.8	77.2	3.9	89
180	24-Feb-16	4:15:15	44.4	48.3	41.5	61	79.4	80.1	3.9	88.9
181	24-Feb-16	4:16:15	47.3	56.1	42.1	64.9	82.8	84.4	3.9	88.9
182	24-Feb-16	4:17:15	43.4	50.9	40.8	59.6	74.7	75.5	3.9	88.9
183	24-Feb-16	4:18:15	47.1	54.3	43.4	62.5	80.2	80.1	3.9	88.9
184	24-Feb-16	4:19:15	43.1	47.4	41.6	60.6	75.7	77.4	3.9	88.9
185	24-Feb-16	4:20:15	43.8	48.9	41.4	59.7	77.4	82.5	3.9	88.9
186	24-Feb-16	4:21:15	53.8	60.3	43.1	66.1	81.4	82.2	3.9	89
187	24-Feb-16	4:22:15	45.3	51.9	41.6	61.8	77.7	82.3	3.9	89
188	24-Feb-16	4:23:15	45.5	51.9	40.9	61.4	76.7	78.6	3.9	89
189	24-Feb-16	4:24:15	45.3	51.4	41	60.3	75.8	76.5	3.9	89
190	24-Feb-16	4:25:15	43.3	48.4	41.3	59.8	73.8	74.2	3.9	89
191	24-Feb-16	4:26:15	44.3	48.7	41.4	60.4	76.2	78	3.9	89
192	24-Feb-16	4:27:15	52.1	59.5	41.2	66.4	83.5	84.5	3.9	89
193	24-Feb-16	4:28:15	45.8	53.4	41.9	62.9	81.8	82.5	3.9	89
194	24-Feb-16	4:29:15	45.1	50.2	42.6	61.1	80.6	83	3.9	89
195	24-Feb-16	4:30:15	48.3	52.4	43.7	63.9	80.5	82.9	3.9	89.1
196	24-Feb-16	4:31:15	47	55.7	41.9	62.2	82.1	83.6	3.9	89.1
197	24-Feb-16	4:32:15	60	70.1	41.5	72.1	91	92.5	3.9	89.2
198	24-Feb-16	4:33:15	48.2	56	41.8	62.3	79.8	81.2	3.9	89.2
199	24-Feb-16	4:34:15	46.2	51.8	42.7	61.6	78	78.7	3.9	89.3
200	24-Feb-16	4:35:15	45	51	40.9	60.1	77.2	80.7	3.9	89.3
201	24-Feb-16	4:36:15	49	54.9	41.2	59.5	76.6	76.8	3.9	89.2
202	24-Feb-16	4:37:15	45.2	49.5	41.1	58.9	75.9	75.8	3.9	89.1
203	24-Feb-16	4:38:15	47.1	57.5	40.6	60.7	78.9	79.3	3.9	89.1
204	24-Feb-16	4:39:15	42.7	50.6	40.4	58.4	75.5	75.6	3.9	89
205	24-Feb-16	4:40:15	45.6	51.6	41.4	62.1	84.4	86	3.9	89

206	24-Feb-16	4:41:15	48.1	55.8	41.2	64.6	84	84.6	3.9	89
207	24-Feb-16	4:42:15	53.1	59.7	43.4	72	90	90.4	3.9	89
208	24-Feb-16	4:43:15	44.9	53.2	41	61	77.8	79.2	3.9	89
209	24-Feb-16	4:44:15	42.5	45.8	41.3	59.1	72.8	74.9	3.9	89
210	24-Feb-16	4:45:15	46.5	50.1	42.6	61.2	78.1	81.2	3.9	89.1
211	24-Feb-16	4:46:15	52.5	59.8	43.1	70.7	88.8	89.5	3.9	89
212	24-Feb-16	4:47:15	46.4	51.8	42.4	63.6	82.5	82.6	3.9	89
213	24-Feb-16	4:48:15	45.5	51.2	42.4	62.5	78.1	79.7	3.9	88.9
214	24-Feb-16	4:49:15	45	49.4	42.4	62.4	75.4	77.5	3.9	88.8
215	24-Feb-16	4:50:15	46.9	54.1	42.9	64.2	77.8	79.7	3.9	88.7
216	24-Feb-16	4:51:15	50.8	60.5	42.8	66	86	86.5	3.9	88.6
217	24-Feb-16	4:52:15	46.6	52	42.8	60.8	76	76	3.9	88.5
218	24-Feb-16	4:53:15	45.3	51.2	42.6	61.4	78.9	81.2	3.9	88.5
219	24-Feb-16	4:54:15	44.9	50.2	42.1	61.6	76.6	78.1	3.9	88.4
220	24-Feb-16	4:55:15	45.5	53.4	42.5	61	83.7	87	3.9	88.3
221	24-Feb-16	4:56:15	47.6	54	42.5	66.4	86.5	87.5	3.9	88.2
222	24-Feb-16	4:57:15	45.2	48.8	42.3	61	76.8	77.5	3.9	88
223	24-Feb-16	4:58:15	46.1	50.6	41.9	61.2	77	78.3	3.9	87.9
224	24-Feb-16	4:59:15	43	44.5	42.1	60.9	73.7	76.4	3.9	87.8
225	24-Feb-16	5:00:15	45.4	50.7	42.2	62.5	84.4	85.4	3.9	87.7
226	24-Feb-16	5:01:15	50.2	58.5	41.7	64.3	87.3	90.7	3.9	87.7
227	24-Feb-16	5:02:15	47.2	53.2	43.5	64.6	80.4	81.4	3.9	87.7
228	24-Feb-16	5:03:15	49	51.7	45.7	66.8	81.8	84.8	3.9	87.6
229	24-Feb-16	5:04:15	48.5	52.5	46.5	66.7	81.9	81	3.9	87.6
230	24-Feb-16	5:05:15	49.7	52.3	47.6	67.2	79.9	80.7	3.9	87.6
231	24-Feb-16	5:06:15	49.5	54.7	46.2	66.7	82.8	83.1	3.9	87.5
232	24-Feb-16	5:07:15	47.8	50.4	46.4	65.5	78.3	81	3.9	87.5
233	24-Feb-16	5:08:15	48.2	54.9	45	65.4	89.5	92.2	3.9	87.4
234	24-Feb-16	5:09:15	44.4	47.3	43	61.7	74.5	76.6	3.9	87.3
235	24-Feb-16	5:10:15	46.2	51.8	42.6	62.6	79.2	80.1	3.9	87.3
236	24-Feb-16	5:11:15	49.2	59	42.8	63.7	82.2	83.5	3.9	87.2
237	24-Feb-16	5:12:15	48.8	59.4	43.1	66.9	86.3	86.6	3.9	87.2
238	24-Feb-16	5:13:15	43.8	52.7	42	61.6	76.5	78.6	3.9	87.1
239	24-Feb-16	5:14:15	51.4	60.8	42.7	66.1	85.3	85.3	3.9	87.1
240	24-Feb-16	5:15:15	47.3	57.4	41.7	61.3	81.1	81.7	3.9	87.1
241	24-Feb-16	5:16:15	44.5	50.3	41.7	60.6	76.9	79.2	3.9	87.1
242	24-Feb-16	5:17:15	45.2	51.1	41.3	62	85.9	89.5	3.9	87.1
243	24-Feb-16	5:18:15	45.3	50.9	41.5	61.9	76.4	78.5	3.9	87.1
244	24-Feb-16	5:19:15	46.1	51.1	42.8	61.7	77.5	78	3.9	87.1
245	24-Feb-16	5:20:15	45.4	51.1	42.3	60.7	75.8	82.6	3.9	87
246	24-Feb-16	5:21:15	42.5	44.1	41	58.6	73.3	76.7	3.9	87
247	24-Feb-16	5:22:15	42.8	44.7	41.7	59.6	73.6	74.5	3.9	87
248	24-Feb-16	5:23:15	44.4	54	41.9	60.7	90	91.6	3.9	86.9
249	24-Feb-16	5:24:15	48.7	56.6	42	64.1	82.7	84	3.9	87
250	24-Feb-16	5:25:15	48.5	54.8	42.5	63	80.9	81.2	3.9	86.9
251	24-Feb-16	5:26:15	45.7	54.7	40.8	61.2	79.6	80.4	3.9	86.9
252	24-Feb-16	5:27:15	46.9	52.4	41.4	61.3	79.1	80.3	3.9	86.9

253	24-Feb-16	5:28:15	46.9	52.1	41.1	60.2	79.4	82.1	3.9	86.9
254	24-Feb-16	5:29:15	45	54.5	41.8	61.7	79.1	83	3.9	86.9
255	24-Feb-16	5:30:15	45.1	51.5	41.9	62.3	81.1	82.5	3.9	86.9
256	24-Feb-16	5:31:15	52.6	58.7	43.2	64.6	79.7	80.3	3.9	86.9
257	24-Feb-16	5:32:15	45.2	52.4	41.2	60.5	75.6	76.6	3.9	86.8
258	24-Feb-16	5:33:15	44.9	51.4	41.2	60.2	76.5	77.1	3.9	86.6
259	24-Feb-16	5:34:15	44.8	52.6	40.5	61.3	84.7	88.1	3.9	86.5
260	24-Feb-16	5:35:15	47.8	56.7	41.7	65.3	87.1	87.6	3.9	86.4
261	24-Feb-16	5:36:15	45	49.3	41.6	62.5	85.8	89.7	3.9	86.3
262	24-Feb-16	5:37:15	50.3	61.3	41.7	59.9	78.2	78.8	3.9	86.1
263	24-Feb-16	5:38:15	56.9	69.5	42.1	70.1	91	90.6	3.9	86
264	24-Feb-16	5:39:15	49.1	57	41.6	65.8	81.3	83.9	3.9	85.9
265	24-Feb-16	5:40:15	45.6	56.9	41.5	58.9	74.7	75.6	3.9	85.9
266	24-Feb-16	5:41:15	44.3	49.5	40.9	60.8	76.4	77.9	3.9	85.8
267	24-Feb-16	5:42:15	45.1	51.1	41.7	63.7	82.8	86.2	3.9	85.8
268	24-Feb-16	5:43:15	44.2	50.4	41.1	60.3	78.2	78.9	3.9	85.7
269	24-Feb-16	5:44:15	43.5	48.2	41.2	60.1	81.1	85.1	3.9	85.6
270	24-Feb-16	5:45:15	45.4	51.2	41.8	61.8	79.6	83.2	3.9	85.6
271	24-Feb-16	5:46:15	45.7	51.8	42.9	61.1	74.7	78.1	3.9	85.5
272	24-Feb-16	5:47:15	45.3	50.9	41.9	61.9	83.5	85.6	3.9	85.4
273	24-Feb-16	5:48:15	44.7	51.3	41	60.2	78.5	82.6	3.9	85.3
274	24-Feb-16	5:49:15	45.8	52.2	41	60.8	79.9	81.4	3.9	85.2
275	24-Feb-16	5:50:15	44.6	52	41.5	60.9	81.5	84.9	3.9	85.1
276	24-Feb-16	5:51:15	43.1	47.5	41.6	60.8	80.7	84.1	3.9	85.1
277	24-Feb-16	5:52:15	45.4	50.8	41.6	61.4	78	80.3	3.9	85
278	24-Feb-16	5:53:15	45.8	51.9	41.4	61.4	76.9	79.7	3.9	84.9
279	24-Feb-16	5:54:15	44.8	53.1	42.2	61.6	77.6	78.8	3.9	84.9
280	24-Feb-16	5:55:15	61.6	69.9	48.3	73.2	92.5	93.8	3.9	84.8
281	24-Feb-16	5:56:15	62.7	72.8	44.7	73.9	92.9	94.7	3.9	84.8
282	24-Feb-16	5:57:15	45.1	50.7	40.7	60.7	75.7	77.8	3.9	84.8
283	24-Feb-16	5:58:15	44.1	47.7	41.8	61.3	81	83.3	3.9	84.8
284	24-Feb-16	5:59:15	45.6	50.4	41.3	62.8	79	79.6	3.9	84.7
285	24-Feb-16	6:00:15	46.5	52.1	40.9	61.9	79.1	81.4	3.9	84.6
286	24-Feb-16	6:01:15	48.9	54.9	41.2	61.3	80.1	84	3.9	84.5
287	24-Feb-16	6:02:15	48	54.4	41.9	63.6	81.6	84.8	3.9	84.4
288	24-Feb-16	6:03:15	54	68.5	42.4	66.5	96.7	98	3.9	84.3
289	24-Feb-16	6:04:15	48.9	60.8	41.5	63.7	82.7	83	3.9	84.2
290	24-Feb-16	6:05:15	43.6	51.8	39.8	61.6	86.7	90.5	3.9	84.1
291	24-Feb-16	6:06:15	43.5	52.2	40.2	60.6	79.9	81.9	3.9	84
292	24-Feb-16	6:07:15	44	52.9	40.4	60.7	89.9	92.6	3.9	83.9
293	24-Feb-16	6:08:15	47.4	55.6	42.5	64.5	83.5	84.2	3.9	83.8
294	24-Feb-16	6:09:15	41.4	46.1	39.9	58.7	76.7	82.6	3.9	83.6
295	24-Feb-16	6:10:15	43.1	48.8	40.8	60.1	78.1	81.2	3.9	83.5
296	24-Feb-16	6:11:15	47.7	53.4	42.5	63.3	81	84	3.9	83.3
297	24-Feb-16	6:12:15	43	50.3	39.8	59.8	79.2	82.6	3.9	83.3
298	24-Feb-16	6:13:15	43.4	48.2	40.8	61.6	85.4	87.4	3.9	83.2
299	24-Feb-16	6:14:15	45.3	53	41.1	60.9	76.1	78.5	3.9	83.1

300	24-Feb-16	6:15:15	42.5	48.8	40.1	60.4	82.6	85.4	3.9	83
301	24-Feb-16	6:16:15	45.6	51.4	40.6	61.3	77.4	79.1	3.9	82.9
302	24-Feb-16	6:17:15	42.4	48.3	39.8	61	79.1	82.6	3.9	82.9
303	24-Feb-16	6:18:15	43.2	49.6	39.7	61.9	79.2	81.2	3.9	82.8
304	24-Feb-16	6:19:15	44.5	50.5	40.8	61.1	79.2	79.6	3.9	82.8
305	24-Feb-16	6:20:15	44.2	49.1	40.5	62.1	79.8	83.3	3.9	82.7
306	24-Feb-16	6:21:15	43.8	49.6	41	61.2	79.9	82	3.9	82.7
307	24-Feb-16	6:22:15	45	50.7	40.5	63	82.4	84.8	3.9	82.6
308	24-Feb-16	6:23:15	45.2	52.3	39.7	61.1	80.2	82	3.9	82.6
309	24-Feb-16	6:24:15	45.2	55	39.5	60.4	77.4	80.7	3.9	82.6
310	24-Feb-16	6:25:15	44.6	49	39.7	61.3	76.9	77.4	3.9	82.6
311	24-Feb-16	6:26:15	43.4	50.9	39.6	59.6	78.8	82.9	3.9	82.6
312	24-Feb-16	6:27:15	44.3	49.5	40.4	60.7	78.6	81.8	3.9	82.5
313	24-Feb-16	6:28:15	40.9	43.4	39.7	58.2	74.8	78.3	3.9	82.4
314	24-Feb-16	6:29:15	40.9	44	39	58.8	83.6	85.2	3.9	82.4
315	24-Feb-16	6:30:15	45.2	53.9	40.4	61.6	80.1	82.5	3.9	82.4
316	24-Feb-16	6:31:15	49	60.9	40.7	66.2	87.9	88.7	3.9	82.3
317	24-Feb-16	6:32:15	53.2	64	42.7	70.1	89.7	90.2	3.9	82.2
318	24-Feb-16	6:33:15	44.8	48.9	40.7	61.3	76.6	77.4	3.9	82.2
319	24-Feb-16	6:34:15	45.6	51.3	40.3	63	83.5	86.5	3.9	82.1
320	24-Feb-16	6:35:15	47.9	53.1	44.1	63	78.9	79.4	3.9	82.1
321	24-Feb-16	6:36:15	45.6	52.8	40.2	62.7	83.5	85.8	3.9	82.1
322	24-Feb-16	6:37:15	45.2	50.4	41.1	62.1	81.4	84.1	3.9	82.1
323	24-Feb-16	6:38:15	47.7	56.4	40.7	64.6	82.6	83.2	3.9	82.1
324	24-Feb-16	6:39:15	42.7	49.1	39.4	60.4	80.1	83.9	3.9	82.1
325	24-Feb-16	6:40:15	43.7	50.8	39.5	61.4	76.9	78.8	3.9	82.1
326	24-Feb-16	6:41:15	43.5	48.9	39.9	59.9	82.1	84.9	3.9	82
327	24-Feb-16	6:42:15	48	55.5	41.9	64	81.9	85.7	3.9	82
328	24-Feb-16	6:43:15	43.9	49.3	40.7	60.3	77.2	77.8	3.9	82.1
329	24-Feb-16	6:44:15	42.1	47.3	39.5	58.3	72	74.5	3.9	82.1
330	24-Feb-16	6:45:15	43.3	51	39.5	58.7	75.5	77.5	3.9	82.1
331	24-Feb-16	6:46:15	44.3	50.4	39.5	59.6	74.5	76.9	3.9	82.1
332	24-Feb-16	6:47:15	44.6	51.8	40.1	60	77	78.1	3.9	82.1
333	24-Feb-16	6:48:15	43.6	49.9	40	61.5	79.7	83.1	3.9	82
334	24-Feb-16	6:49:15	46.2	56.2	40.6	65.6	88.9	89.6	3.9	82
335	24-Feb-16	6:50:15	45	50	40.9	63.4	81.3	81.7	3.9	81.9
336	24-Feb-16	6:51:15	44.9	51	40.8	62.1	79.5	83.2	3.9	81.7
337	24-Feb-16	6:52:15	43.4	46.9	40.2	61.1	82.9	86.1	3.9	81.6
338	24-Feb-16	6:53:15	43	49.5	40.3	60.7	75.2	78.9	3.9	81.4
339	24-Feb-16	6:54:15	45	51.4	40.2	60.9	77.6	78.6	3.9	81.2
340	24-Feb-16	6:55:15	42.8	48.8	40.4	60.1	81	81.4	3.9	81.1
341	24-Feb-16	6:56:15	56.1	61.8	42.6	70.5	82.5	84.2	3.9	80.9
342	24-Feb-16	6:57:15	45.4	52.2	40.9	62.1	77.5	78.3	3.9	80.8
343	24-Feb-16	6:58:15	44.4	52.6	40.7	60.3	79.6	79.6	3.9	80.6
344	24-Feb-16	6:59:15	46.5	54.1	39.5	61.4	78.3	79.4	3.9	80.4
345	24-Feb-16	7:00:15	44.8	50.4	40.6	61.5	79.4	81.9	3.9	80.2
346	24-Feb-16	7:01:15	46.6	53.8	41.3	60.6	75.8	76.5	3.9	80

347	24-Feb-16	7:02:15	43.4	48.4	39.9	59.8	73.8	76.5	3.9	79.8
348	24-Feb-16	7:03:15	45.5	52	40.2	60.9	77	78.2	3.9	79.7
349	24-Feb-16	7:04:15	46.6	52.2	41	62	78.8	79.8	3.9	79.5
350	24-Feb-16	7:05:15	44.8	53.7	41.3	60.5	79.2	79.7	3.9	79.4
351	24-Feb-16	7:06:15	46	52.2	41.2	60.9	77.1	78.4	3.9	79.3
352	24-Feb-16	7:07:15	46.4	52.9	40.9	61	76.8	78.3	3.9	79.2
353	24-Feb-16	7:08:15	43.9	51.5	40.2	59.8	77.1	80.3	3.9	79.1
354	24-Feb-16	7:09:15	45.5	52	40.6	60.7	80.3	81.9	3.9	78.9
355	24-Feb-16	7:10:15	45.7	51.1	40.7	62.2	83	85.5	3.9	78.8
356	24-Feb-16	7:11:15	41.3	43.3	40	59.8	76.3	79.7	3.9	78.7
357	24-Feb-16	7:12:15	45.4	53.8	40.7	60.8	77.9	79.1	3.9	78.6
358	24-Feb-16	7:13:15	46.5	54.9	40.5	60.6	76.1	78.1	3.9	78.5
359	24-Feb-16	7:14:15	47.2	52.9	40.5	63.2	81.3	83.5	3.9	78.4
360	24-Feb-16	7:15:15	46	52.1	40.9	61.2	77.5	80.5	3.9	78.3
361	24-Feb-16	7:16:15	46.7	54.3	40.8	63.8	80.6	82.2	3.9	78.2
362	24-Feb-16	7:17:15	47.6	55.2	42.8	63.3	79.6	81	3.9	78.2
363	24-Feb-16	7:18:15	47.7	52.8	42.6	64.3	79.2	81	3.9	78.1
364	24-Feb-16	7:19:15	44.4	49	41.2	64.2	82.8	86.3	3.9	78
365	24-Feb-16	7:20:15	44.1	50.3	40.6	60.6	79.6	83.1	3.9	78
366	24-Feb-16	7:21:15	43.4	46	40.6	63	86.2	86.5	3.9	77.9
367	24-Feb-16	7:22:15	44.6	49.6	40.5	61.2	78.7	83.9	3.9	77.8
368	24-Feb-16	7:23:15	44.3	50.3	40.2	61.3	84.4	87.1	3.9	77.8
369	24-Feb-16	7:24:15	43.3	49.9	41.4	61.4	75.5	77.5	3.9	77.7
370	24-Feb-16	7:25:15	45	50.7	40.3	60.9	77	78.8	3.9	77.7
371	24-Feb-16	7:26:15	41	43.2	39.7	58.7	79.5	80.3	3.9	77.6
372	24-Feb-16	7:27:15	50	62.7	40.5	65.2	91.4	91.5	3.9	77.6
373	24-Feb-16	7:28:15	44.6	49.9	41.2	62.3	78	81.5	3.9	77.5
374	24-Feb-16	7:29:15	41.9	45.8	40.1	59.7	79.6	81.3	3.9	77.5
375	24-Feb-16	7:30:15	46.9	53.6	40.6	65.9	81.3	84.3	3.9	77.4
376	24-Feb-16	7:31:15	48.6	56.3	41.2	71.3	86.4	87.9	3.9	77.4
377	24-Feb-16	7:32:15	45.8	53	40.8	64	85.4	86.3	3.9	77.3
378	24-Feb-16	7:33:15	42.1	48.7	40.2	59.5	76	77.1	3.9	77.2
379	24-Feb-16	7:34:15	47.8	57.6	40.9	62.8	85	85.1	3.9	77.1
380	24-Feb-16	7:35:15	44.6	52.3	40.6	60.8	79.4	81.1	3.9	77
381	24-Feb-16	7:36:15	49.9	55.8	40.9	67.1	85	85.3	3.9	76.9
382	24-Feb-16	7:37:15	41.2	44.1	39.9	60.3	74.2	75	3.9	76.8
383	24-Feb-16	7:38:15	44.4	50.2	40.2	60	74.5	76.1	3.9	76.7
384	24-Feb-16	7:39:15	45.9	51.7	40.4	61.9	80.6	81.9	3.9	76.6
385	24-Feb-16	7:40:15	46	51.6	41.9	59.1	75.5	75.4	3.9	76.5
386	24-Feb-16	7:41:15	41.3	46.8	39.5	58.7	72.5	75.7	3.9	76.5
387	24-Feb-16	7:42:15	44.3	52.6	39.9	59.9	78.5	83.3	3.9	76.4
388	24-Feb-16	7:43:15	43.5	52.2	40.3	59.4	75.1	74.9	3.9	76.3
389	24-Feb-16	7:44:15	54.1	64.6	42.4	62.6	79	81.9	3.9	76.3
390	24-Feb-16	7:45:15	45.9	51	42.1	63.9	90.1	92.7	3.9	76.3
391	24-Feb-16	7:46:15	49.8	57.5	42.6	63.3	85.9	86.7	3.9	76.3
392	24-Feb-16	7:47:15	47.8	53.4	43.7	62.2	77.6	77.6	3.9	76.2
393	24-Feb-16	7:48:15	46.2	56.1	40.6	60.4	83.4	85.8	3.9	76.2

394	24-Feb-16	7:49:15	49.3	57.7	41.6	60.8	81.5	81.8	3.9	76.2
395	24-Feb-16	7:50:15	47.6	54.9	41	62.2	79.8	80.4	3.9	76.1
396	24-Feb-16	7:51:15	49.9	59.6	41.9	64.1	94.1	95.7	3.9	76.1
397	24-Feb-16	7:52:15	47.1	51.4	43.1	63.3	79.6	81.8	3.9	76.1
398	24-Feb-16	7:53:15	47.5	52.4	41	62.7	80.3	84.7	3.9	76.1
399	24-Feb-16	7:54:15	47	57.8	41.1	64.2	86.5	87.1	3.9	76.1
400	24-Feb-16	7:55:15	47.3	53.7	41.9	62.8	80.1	81.3	3.9	76.1
401	24-Feb-16	7:56:15	44.2	54	39.7	59.2	77.5	79.2	3.9	76
402	24-Feb-16	7:57:15	44.8	50.4	40.8	61.5	77.8	78.2	3.9	76
403	24-Feb-16	7:58:15	45.6	53.4	40.7	60.2	76.1	76.7	3.9	76
404	24-Feb-16	7:59:15	44.9	51.1	40.9	60.3	74.7	76.6	3.9	76
405	24-Feb-16	8:00:15	46	50.3	41.6	62.4	75.7	76.9	3.9	76
406	24-Feb-16	8:01:15	45.3	53.7	42	63.5	83.9	84.7	3.9	76
407	24-Feb-16	8:02:15	42.8	46	40.8	60.8	73.7	78	3.9	76
408	24-Feb-16	8:03:15	47.7	54.6	40.8	64.8	80.1	80.7	3.9	75.9
409	24-Feb-16	8:04:15	48.7	59.6	41.5	65.1	83	83	3.9	75.9
410	24-Feb-16	8:05:15	44.9	53.7	40.1	61.4	79.2	81.6	3.9	75.9
411	24-Feb-16	8:06:15	46.8	56.3	40.6	64	82.7	84.9	3.9	75.8
412	24-Feb-16	8:07:15	46.9	53.5	40.2	62.3	77.1	77.6	3.9	75.7
413	24-Feb-16	8:08:15	42.7	50	39.9	60	73.7	74.9	3.9	75.6
414	24-Feb-16	8:09:15	47.2	54.5	40.6	62.9	78.9	79.5	3.9	75.5
415	24-Feb-16	8:10:15	43.9	50.4	41.2	62.7	79.9	80.8	3.9	75.5
416	24-Feb-16	8:11:15	48.6	54.1	40.8	60.8	77.6	79.4	3.9	75.4
417	24-Feb-16	8:12:15	48.7	55	41.6	60.5	75.6	76.2	3.9	75.3
418	24-Feb-16	8:13:15	55.8	68.2	41.7	72.3	93.4	93.7	3.9	75.2
419	24-Feb-16	8:14:15	44.7	49.8	40.4	61.3	75.4	77.4	3.9	75.1
420	24-Feb-16	8:15:15	45.3	51.8	39.9	61	76.9	76.4	3.9	75.1
421	24-Feb-16	8:16:15	49.4	54.7	41.8	66.1	81.4	82	3.9	75
422	24-Feb-16	8:17:15	44.2	48.8	40.1	61.9	76.9	77.2	3.9	74.9
423	24-Feb-16	8:18:15	43.2	52.7	40.3	61	87.5	89.4	3.9	74.9
424	24-Feb-16	8:19:15	45.4	54.1	39.7	61.7	80.4	82.6	3.9	74.8
425	24-Feb-16	8:20:15	45	53.1	40.3	61.5	77.2	79.1	3.9	74.7
426	24-Feb-16	8:21:15	45.1	51.5	41.1	61.9	77.4	78.5	3.9	74.6
427	24-Feb-16	8:22:15	43.9	49.8	41	62.7	78.6	80.2	3.9	74.6
428	24-Feb-16	8:23:15	56.4	62.8	43.6	68.7	85.1	86	3.9	74.5
429	24-Feb-16	8:24:15	52.1	59.5	41.7	64.6	81.8	82.7	3.9	74.5
430	24-Feb-16	8:25:15	43.5	49.2	39.9	60.8	75.3	75.5	3.9	74.4
431	24-Feb-16	8:26:15	43.5	50.3	39.6	59.9	73	74	3.9	74.4
432	24-Feb-16	8:27:15	45.3	51.7	39.9	60.6	77.2	78.9	3.9	74.3
433	24-Feb-16	8:28:15	50.7	63	41.3	68	89.3	89.6	3.9	74.2
434	24-Feb-16	8:29:15	42.5	48	40.6	59.4	72.8	75.9	3.9	74.2
435	24-Feb-16	8:30:15	56.1	63	42.7	68.3	85.1	85.8	3.9	74.1
436	24-Feb-16	8:31:15	46	53.7	41.1	62.1	77.3	78.6	3.9	74
437	24-Feb-16	8:32:15	47.2	52.5	41.1	61.7	75.6	78.9	3.9	73.9
438	24-Feb-16	8:33:15	49.2	54.8	42.8	65	82.5	83.5	3.9	73.8
439	24-Feb-16	8:34:15	60.3	66.6	46.3	72.4	87.7	89.7	3.9	73.8
440	24-Feb-16	8:35:15	47.5	52.7	41.1	62.9	79.8	82.5	3.9	73.7

441	24-Feb-16	8:36:15	47.3	53	42.7	63.2	77.7	79.7	3.9	73.6
442	24-Feb-16	8:37:15	46.5	51.4	41.2	63	86.2	88	3.9	73.4
443	24-Feb-16	8:38:15	43	49.2	40.8	61.1	81.5	83.8	3.9	73.3
444	24-Feb-16	8:39:15	42.9	49.6	40.8	60.6	79.8	82.6	3.9	73.3
445	24-Feb-16	8:40:15	45.7	50.9	40.4	61.8	78.6	79.6	3.9	73.2
446	24-Feb-16	8:41:15	45.7	51.9	41.8	62.3	77.1	78.9	3.9	73.1
447	24-Feb-16	8:42:15	46.4	51.9	41	62.9	79	81.2	3.9	73
448	24-Feb-16	8:43:15	42.9	48.5	40	60.6	75.7	77.2	3.9	72.9
449	24-Feb-16	8:44:15	44.5	49.1	40.7	60.8	79	79.6	3.9	72.9
450	24-Feb-16	8:45:15	50.1	60	41	69.8	91.4	91.7	3.9	72.8
451	24-Feb-16	8:46:15	43.6	48.7	40.4	60	73.9	75.1	3.9	72.8
452	24-Feb-16	8:47:15	50.7	60.7	41	65.8	84.2	85.4	3.9	72.7
453	24-Feb-16	8:48:15	41.2	43.7	39.5	59.2	72.6	74.3	3.9	72.7
454	24-Feb-16	8:49:15	43.1	49.7	40.1	60.1	78.3	81.5	3.9	72.6
455	24-Feb-16	8:50:15	46.6	54.9	40.2	60.6	76.7	77	3.9	72.6
456	24-Feb-16	8:51:15	44	50.4	40.7	61.3	75.6	76.8	3.9	72.6
457	24-Feb-16	8:52:15	44.3	50.5	40.4	60.4	76.2	77.5	3.9	72.5
458	24-Feb-16	8:53:15	44.2	49	39.9	62.4	79.1	81.2	3.9	72.5
459	24-Feb-16	8:54:15	44.8	52	39.5	60.6	82.2	84.8	3.9	72.4
460	24-Feb-16	8:55:15	48.8	54.4	40.7	63.5	79.8	81.8	3.9	72.3
461	24-Feb-16	8:56:15	46	51.7	41	62.3	77.1	80.5	3.9	72.3
462	24-Feb-16	8:57:15	41.5	45	39.9	59.4	75	76.4	3.9	72.3
463	24-Feb-16	8:58:15	45.2	51.7	39.6	62.1	78.7	80.1	3.9	72.2
464	24-Feb-16	8:59:15	47.4	52.1	39.7	63.2	77	78.3	3.9	72.1
465	24-Feb-16	9:00:15	54	68.3	39.9	66.2	89.9	89.9	3.9	72.1
466	24-Feb-16	9:01:15	43.7	49.5	39.2	60.6	79.6	81.6	3.9	72
467	24-Feb-16	9:02:15	40.1	42.5	38.6	59.3	73.3	74.1	3.9	72
468	24-Feb-16	9:03:15	40.5	43	39.1	60.1	75.7	77.1	3.9	72
469	24-Feb-16	9:04:15	45.3	51.3	40.2	61.7	80.2	83.2	3.9	71.9
470	24-Feb-16	9:05:15	43.2	50.5	40.2	59.6	72.9	75.3	3.9	71.9
471	24-Feb-16	9:06:15	46.9	54.9	40.9	62.5	83.1	86.6	3.9	71.9
472	24-Feb-16	9:07:15	45.3	51.6	40.4	61.5	75.4	78	3.9	71.9
473	24-Feb-16	9:08:15	44.8	51.8	40.6	60.9	75.4	77.1	3.9	71.8
474	24-Feb-16	9:09:15	44.1	51.8	39.8	59.9	74.6	76.4	3.9	71.8
475	24-Feb-16	9:10:15	44.3	49.7	40.1	60.7	75.8	77.9	3.9	71.8
476	24-Feb-16	9:11:15	43.8	51.8	39.2	60.6	76	76.6	3.9	71.8
477	24-Feb-16	9:12:15	43.4	50.5	39.2	60.8	77.9	78.5	3.9	71.8
478	24-Feb-16	9:13:15	43.3	50.7	39.6	59.6	74.6	76.4	3.9	71.7
479	24-Feb-16	9:14:15	44.6	50.5	41.2	61.1	75.5	76.5	3.9	71.7
480	24-Feb-16	9:15:15	45.5	54.5	40.2	60.7	76.9	78.5	3.9	71.7
481	24-Feb-16	9:16:15	44.1	50.7	39.2	61.6	77.1	78.2	3.9	71.6
482	24-Feb-16	9:17:15	46.6	55.4	39.9	61.3	78.6	78.3	3.9	71.6
483	24-Feb-16	9:18:15	44.3	51.9	39.9	60.7	77	78.1	3.9	71.6
484	24-Feb-16	9:19:15	44.1	51.6	40.1	61.7	79.9	80.1	3.9	71.5
485	24-Feb-16	9:20:15	44.2	52.6	41.2	62.4	79.8	81.1	3.9	71.5
486	24-Feb-16	9:21:15	42.9	47.9	40.4	61.1	74.6	77.5	3.9	71.4
487	24-Feb-16	9:22:15	45.1	52.2	41.3	64.2	82.4	82.5	3.9	71.4

488	24-Feb-16	9:23:15	46.1	55.4	39.5	65.2	85.7	87.1	3.9	71.3
489	24-Feb-16	9:24:15	43.7	51.4	40	60.6	75.6	77.2	3.9	71.3
490	24-Feb-16	9:25:15	46.6	54.5	39.6	62.8	82.8	83.9	3.9	71.2
491	24-Feb-16	9:26:15	42.2	53.3	39.7	61.5	77.1	77.5	3.9	71.2
492	24-Feb-16	9:27:15	43.7	50	39.2	59.4	74.7	75.6	3.9	71.1
493	24-Feb-16	9:28:15	43.5	52	39.8	61.1	78.7	80.1	3.9	71.1
494	24-Feb-16	9:29:15	45.5	54	39.6	60.1	75.4	76.3	3.9	71.1
495	24-Feb-16	9:30:15	45.6	53.4	39.6	61.1	75	76.8	3.9	71
496	24-Feb-16	9:31:15	44.6	52.8	39.7	59.8	76.7	77.2	3.9	71
497	24-Feb-16	9:32:15	39.9	41.5	38.9	58.5	71.9	73.6	3.9	70.9
498	24-Feb-16	9:33:15	42.4	51.4	39	59.3	76.7	78	3.9	70.8
499	24-Feb-16	9:34:15	45	53.7	40.2	60.8	76.6	76.9	3.9	70.8
500	24-Feb-16	9:35:15	45.6	51.8	41.3	61	75.9	77.1	3.9	70.7
501	24-Feb-16	9:36:15	44.5	52.6	39.5	59.8	77.4	77.9	3.9	70.7
502	24-Feb-16	9:37:15	42.2	49.8	39.5	59.5	74.8	75.4	3.9	70.6
503	24-Feb-16	9:38:15	42.5	52.3	39.2	60.6	76.1	77.9	3.9	70.6
504	24-Feb-16	9:39:15	43.1	47.5	39.7	60.8	73.6	75.6	3.9	70.5
505	24-Feb-16	9:40:15	44	50	42	61.6	77.1	77.7	3.9	70.5
506	24-Feb-16	9:41:15	45.2	51.6	40.4	62.3	82.5	86.7	3.9	70.4
507	24-Feb-16	9:42:15	43.5	49	41.4	60.6	74.7	79.1	3.9	70.4
508	24-Feb-16	9:43:15	41.4	46	39.1	59	72.7	77.3	3.9	70.3
509	24-Feb-16	9:44:15	44.8	55.6	38.9	62.7	84.6	84.7	3.9	70.3
510	24-Feb-16	9:45:15	43.2	50.9	39.3	59.5	80.7	84.4	3.9	70.2
511	24-Feb-16	9:46:15	43.7	51.5	39.3	59.5	75.4	79.1	3.9	70.1
512	24-Feb-16	9:47:15	43.6	49.3	40.4	60.1	74.8	77.7	3.9	70.1
513	24-Feb-16	9:48:15	45.7	56.3	39.7	59.6	77.6	81	3.9	70
514	24-Feb-16	9:49:15	46.3	56	40.7	62.8	80.8	81.6	3.9	69.9
515	24-Feb-16	9:50:15	42.9	50.6	39.9	60.7	77.8	79.7	3.9	69.9
516	24-Feb-16	9:51:15	47.5	59	39.3	60.2	80	79.4	3.9	69.8
517	24-Feb-16	9:52:15	42.9	49.4	39.3	60.3	74.4	75.6	3.9	69.8
518	24-Feb-16	9:53:15	42.5	48.8	39.1	59.3	74.7	77.5	3.9	69.7
519	24-Feb-16	9:54:15	41.6	45.7	39.5	59.3	73.5	75.2	3.9	69.7
520	24-Feb-16	9:55:15	44.6	53.9	39.8	60.3	76.2	78.1	3.9	69.6
521	24-Feb-16	9:56:15	42.2	46.9	39.7	59.5	74.1	77.1	3.9	69.6
522	24-Feb-16	9:57:15	39.9	41.5	38.4	58.1	72.1	76	3.9	69.5
523	24-Feb-16	9:58:15	43.1	50.7	39.7	59.7	78.7	79.1	3.9	69.5
524	24-Feb-16	9:59:15	43.1	49.3	38.5	59.8	75.2	76	3.9	69.4
525	24-Feb-16	10:00:15	43.5	49.2	38.7	59.2	74.5	74.7	3.9	69.4
526	24-Feb-16	10:01:15	44	49.5	38.6	59.6	76.8	78.7	3.9	69.4
527	24-Feb-16	10:02:15	50	54.7	40.6	61.1	75.6	77.4	3.9	69.3
528	24-Feb-16	10:03:15	43.5	49.6	39	60.4	77.9	78.5	3.9	69.3
529	24-Feb-16	10:04:15	42.8	50.6	39	59.2	75.8	76.4	3.9	69.2
530	24-Feb-16	10:05:15	43.2	52.5	38.5	60.2	80.1	83.6	3.9	69.2
531	24-Feb-16	10:06:15	44.3	53.6	39.4	60.4	79.4	80.7	3.9	69.1
532	24-Feb-16	10:07:15	40.9	45.9	38.9	58.4	72.5	73.1	3.9	69.1
533	24-Feb-16	10:08:15	42.9	49.9	38.6	59.3	82.3	85.3	3.9	69.1
534	24-Feb-16	10:09:15	46.7	53	39.4	61.3	76.4	76.9	3.9	69

535	24-Feb-16	10:10:15	44.1	50.9	39.1	60.6	75.4	77.6	3.9	69
536	24-Feb-16	10:11:15	43.2	47.9	40.1	60.2	73.9	74.7	3.9	68.9
537	24-Feb-16	10:12:15	45.9	54.1	39	61.4	76	77.2	3.9	69
538	24-Feb-16	10:13:15	47	53.2	39.1	62.2	77.8	78.5	3.9	68.9
539	24-Feb-16	10:14:15	42.4	49.8	39.5	59.4	74.6	78.8	3.9	68.9
540	24-Feb-16	10:15:15	43.1	50.3	39	59.7	73.5	75.3	3.9	68.9
541	24-Feb-16	10:16:15	42.6	44.1	40.7	61	74.4	76	3.9	68.9
542	24-Feb-16	10:17:15	47	56.1	40.9	61.5	79.7	80.6	3.9	68.9
543	24-Feb-16	10:18:15	44.3	52.6	39.6	60.8	77.4	80.2	3.9	68.9
544	24-Feb-16	10:19:15	45.7	51.1	40	62	83	85.2	3.9	68.9
545	24-Feb-16	10:20:15	52.6	58.5	40.4	66.6	81.9	83.7	3.9	68.9
546	24-Feb-16	10:21:15	41.6	48.4	38.7	59.7	77	78.2	3.9	68.9
547	24-Feb-16	10:22:15	40.9	46.7	38.9	59.3	77.1	80.9	3.9	68.8
548	24-Feb-16	10:23:15	47.7	56.1	39	64.3	86.5	86.7	3.9	68.8
549	24-Feb-16	10:24:15	43.6	49.9	38.9	59.1	74.6	76.5	3.9	68.8
550	24-Feb-16	10:25:15	39.8	46.2	38	57.7	71.2	71.9	3.9	68.8
551	24-Feb-16	10:26:15	43.4	50.9	38.2	59	73.9	76.2	3.9	68.7
552	24-Feb-16	10:27:15	43.1	50	38.9	58.7	80	80.2	3.9	68.7
553	24-Feb-16	10:28:15	44.4	51.5	38.8	61	77.6	81.2	3.9	68.7
554	24-Feb-16	10:29:15	42.7	51.5	38.4	59	76.1	76.5	3.9	68.7
555	24-Feb-16	10:30:15	41.7	47.7	39	59.3	74.4	74.9	3.9	68.7
556	24-Feb-16	10:31:15	46.1	51.9	40.1	61.8	81.1	81.8	3.9	68.7
557	24-Feb-16	10:32:15	46.6	58.8	38.5	61.5	82.8	83.1	3.9	68.6
558	24-Feb-16	10:33:15	45.9	58.6	38.9	60.8	85.1	89	3.9	68.6
559	24-Feb-16	10:34:15	42.7	52.2	38.3	59	75.1	77.1	3.9	68.6
560	24-Feb-16	10:35:15	43.9	51	39.1	59.6	77.2	81.2	3.9	68.6
561	24-Feb-16	10:36:15	41.3	48.5	38.6	59.9	76.3	77.1	3.9	68.5
562	24-Feb-16	10:37:15	41.2	47.8	39	58.7	80.2	82.7	3.9	68.5
563	24-Feb-16	10:38:15	43.2	50.9	38.9	58.5	74.5	75.7	3.9	68.5
564	24-Feb-16	10:39:15	44.9	55.5	38.1	59.8	79.8	80.1	3.9	68.5
565	24-Feb-16	10:40:15	43.7	50.6	38.1	63.8	81.4	82.2	3.9	68.5
566	24-Feb-16	10:41:15	40.8	49.4	37.6	57.4	79.9	82.3	3.9	68.5
567	24-Feb-16	10:42:15	43.1	51.8	39.4	59.7	77.6	80.5	3.9	68.5
568	24-Feb-16	10:43:15	39.9	42.3	38.2	58.8	76.2	79	3.9	68.4
569	24-Feb-16	10:44:15	44	51.6	38.5	60.9	81.2	81.6	3.9	68.4
570	24-Feb-16	10:45:15	42	50	38.5	60.8	76.4	77.1	3.9	68.4
571	24-Feb-16	10:46:15	40.2	45.2	38.2	58.2	77	81.1	3.9	68.4
572	24-Feb-16	10:47:15	41.9	49.3	38.1	57.9	73	74.3	3.9	68.4
573	24-Feb-16	10:48:15	39.9	42.6	38	57.4	72	72.3	3.9	68.3
574	24-Feb-16	10:49:15	42.1	50.2	38.3	57.5	72.8	74	3.9	68.3
575	24-Feb-16	10:50:15	45.3	51.3	38.2	59.5	83	84.8	3.9	68.3
576	24-Feb-16	10:51:15	41.3	49.8	38.2	57.6	73.8	74.4	3.9	68.3
577	24-Feb-16	10:52:15	50.7	56.4	38.7	61.6	77.1	77.5	3.9	68.3
578	24-Feb-16	10:53:15	44.3	52.1	38.5	59.8	77.4	79.4	3.9	68.3
579	24-Feb-16	10:54:15	42.7	47.7	38.6	58.4	72	72.9	3.9	68.3
580	24-Feb-16	10:55:15	52	57.1	40.1	65.7	80.4	80.5	3.9	68.2
581	24-Feb-16	10:56:15	39	40.7	37.3	56.9	70.8	74.6	3.9	68.2

582	24-Feb-16	10:57:15	40.6	46.7	37.7	57.3	71.1	73.1	3.9	68.2
583	24-Feb-16	10:58:15	43.6	50.5	38.6	59.1	75.6	76.1	3.9	68.2
584	24-Feb-16	10:59:15	41	47	37.3	58.8	73.4	75.1	3.9	68.2
585	24-Feb-16	11:00:15	39.1	46.8	37.1	56.9	73.5	76.9	3.9	68.1
586	24-Feb-16	11:01:15	47.4	55.4	39.2	66	86.7	87.2	3.9	68.1
587	24-Feb-16	11:02:15	43	50.9	37.7	59.3	75.9	77.1	3.9	68.1
588	24-Feb-16	11:03:15	40.2	48.1	37.3	57.3	73.1	74.2	3.9	68.1
589	24-Feb-16	11:04:15	39.4	42.9	37.9	56.7	73.6	77.1	3.9	68
590	24-Feb-16	11:05:15	45.1	55	39.1	60.3	78.6	78.8	3.9	68
591	24-Feb-16	11:06:15	40.6	47.4	37.5	57.5	74.7	75.2	3.9	68
592	24-Feb-16	11:07:15	45.1	52.1	38.6	60.5	79.3	80.1	3.9	68
593	24-Feb-16	11:08:15	42.4	47.5	38.7	59.8	76.7	78.5	3.9	67.9
594	24-Feb-16	11:09:15	41.5	48.1	37.7	59.5	76.3	77.8	3.9	67.9
595	24-Feb-16	11:10:15	48.8	61.6	37.2	65.2	86.8	87.2	3.9	67.9
596	24-Feb-16	11:11:15	40.2	47.3	37.1	57.2	73.2	75.6	3.9	67.9
597	24-Feb-16	11:12:15	46.4	57.4	38.6	63.6	85.3	85.5	3.9	67.9
598	24-Feb-16	11:13:15	46.1	61.7	38	59.5	85.4	86.2	3.9	67.8
599	24-Feb-16	11:14:15	42.2	52.2	38.1	57.7	75.8	75.7	3.9	67.8
600	24-Feb-16	11:15:15	39.1	43.9	37.3	56.4	75.5	79.1	3.9	67.8
601	24-Feb-16	11:16:15	41.3	50.9	36.9	56.4	75.6	76.1	3.9	67.8
602	24-Feb-16	11:17:15	41.2	50.8	37.2	56.3	72.5	74.2	3.9	67.8
603	24-Feb-16	11:18:15	41.2	50	38	57.5	76.2	78.8	3.9	67.7
604	24-Feb-16	11:19:15	39.6	43.9	38	56.8	70.3	71.2	3.9	67.7
605	24-Feb-16	11:20:15	38.9	40.3	38	56.4	69	70.7	3.9	67.7
606	24-Feb-16	11:21:15	41	49.1	38	56.7	72.2	73.8	3.9	67.7
607	24-Feb-16	11:22:15	47.1	56.3	39.4	60.2	80.4	80	3.9	67.7
608	24-Feb-16	11:23:15	45.3	55.1	37.1	58.6	77.8	78	3.9	67.7
609	24-Feb-16	11:24:15	40.9	51.9	37.5	58.3	88.6	89.5	3.9	67.7
610	24-Feb-16	11:25:15	38.7	40.3	37.5	57.3	73.4	75.4	3.9	67.7
611	24-Feb-16	11:26:15	41.4	50.9	37.6	57.6	74.8	75.1	3.9	67.7
612	24-Feb-16	11:27:15	41.8	51.3	38	58.3	76	78.2	3.9	67.7
613	24-Feb-16	11:28:15	37.7	39.3	36.7	55.1	68.6	69.6	3.9	67.7
614	24-Feb-16	11:29:15	41	49.7	37.5	56	71.8	72.6	3.9	67.7
615	24-Feb-16	11:30:15	42.8	49.8	37.6	60.1	76.1	78.3	3.9	67.6
616	24-Feb-16	11:31:15	42	52.1	38.2	57.6	73.9	75.9	3.9	67.6
617	24-Feb-16	11:32:15	43.5	52.7	37.4	59.8	77.4	78.5	3.9	67.6
618	24-Feb-16	11:33:15	41.7	48.9	37.2	58.2	76.7	80.7	3.9	67.6
619	24-Feb-16	11:34:15	38.3	39.6	37.1	55.5	71.4	72.9	3.9	67.6
620	24-Feb-16	11:35:15	41.9	51.6	36.7	58.2	74.3	75.4	3.9	67.5
621	24-Feb-16	11:36:15	37.9	39.7	37.2	56.2	69.8	72.1	3.9	67.5
622	24-Feb-16	11:37:15	42.7	49.2	37.5	59.8	76.1	76.1	3.9	67.5
623	24-Feb-16	11:38:15	41.8	49.7	38.5	59.6	73.9	74.4	3.9	67.5
624	24-Feb-16	11:39:15	41	49.7	37.7	57.7	73.8	78.6	3.9	67.4
625	24-Feb-16	11:40:15	40.5	46.6	37.9	57.6	73	74.1	3.9	67.4
626	24-Feb-16	11:41:15	43.7	50.7	38.6	60.5	75.2	75.7	3.9	67.4
627	24-Feb-16	11:42:15	41.3	50.8	37.7	58.1	75	75.4	3.9	67.4
628	24-Feb-16	11:43:15	40.7	48.3	37.9	58.2	72.8	75.2	3.9	67.3

629	24-Feb-16	11:44:15	42.2	52.1	37.6	58.5	76.2	78.7	3.9	67.3
630	24-Feb-16	11:45:15	44	54.7	37.8	59.3	80.1	80.9	3.9	67.3
631	24-Feb-16	11:46:15	43	49.7	37.9	59.6	76.7	77.3	3.9	67.3
632	24-Feb-16	11:47:15	44.7	53.8	38.8	60.1	76.1	76.6	3.9	67.2
633	24-Feb-16	11:48:15	41.7	45.4	39.4	58.6	73.6	73	3.9	67.2
634	24-Feb-16	11:49:15	43.1	50.4	38.6	60.4	80.4	81.9	3.9	67.2
635	24-Feb-16	11:50:15	40.9	50.6	38	58.1	74.6	75.4	3.9	67.2
636	24-Feb-16	11:51:15	38.5	39.4	37.8	55.9	69	70.1	3.9	67.2
637	24-Feb-16	11:52:15	44.3	54.9	38.8	59	77.3	78	3.9	67.2
638	24-Feb-16	11:53:15	39.1	41.7	37.6	56.6	71.4	71.1	3.9	67.2
639	24-Feb-16	11:54:15	40.1	45.3	37.7	57	70.4	71.7	3.9	67.2
640	24-Feb-16	11:55:15	38.5	39.6	37.2	56.3	69.7	71.3	3.9	67.3
641	24-Feb-16	11:56:15	49.4	55.1	37.6	61.6	77.3	78.1	3.9	67.3
642	24-Feb-16	11:57:15	44.2	51.9	38	58.6	75	75.5	3.9	67.3
643	24-Feb-16	11:58:15	43.2	52.3	38	58.6	75.4	75.8	3.9	67.3
644	24-Feb-16	11:59:15	40	45.4	38	57.6	74.5	77.4	3.9	67.3
645	24-Feb-16	12:00:15	41.5	48.4	37.9	57.8	74.3	74.7	3.9	67.3
646	24-Feb-16	12:01:15	44.1	48.8	39.4	60	74.2	75.1	3.9	67.3
647	24-Feb-16	12:02:15	43	48.8	38.6	60.9	82.2	84.5	3.9	67.3
648	24-Feb-16	12:03:15	45	53.8	38.4	58.3	75.6	75.4	3.9	67.3
649	24-Feb-16	12:04:15	43.1	50	38.7	58.8	74.4	75.3	3.9	67.3
650	24-Feb-16	12:05:15	41.8	48.6	39.1	59.3	75.7	76.5	3.9	67.3
651	24-Feb-16	12:06:15	41.2	46.1	38.8	57.3	71.7	72.8	3.9	67.3
652	24-Feb-16	12:07:15	44.1	55	38.8	58.2	78.4	78.4	3.9	67.3
653	24-Feb-16	12:08:15	41	47	38.6	57.6	70.9	72.7	3.9	67.3
654	24-Feb-16	12:09:15	39.8	44.8	38.5	56.8	70	72.9	3.9	67.3
655	24-Feb-16	12:10:15	39.5	41.7	38.2	57.2	72.3	74	3.9	67.3
656	24-Feb-16	12:11:15	41.9	52	37.7	57.7	77.3	78.8	3.9	67.3
657	24-Feb-16	12:12:15	42.2	51.6	38.2	58.2	75.4	75.1	3.9	67.3
658	24-Feb-16	12:13:15	43	51.2	38.5	59.5	77.2	79.1	3.9	67.3
659	24-Feb-16	12:14:15	43.7	51	38.8	60.8	81.2	81.7	3.9	67.3
660	24-Feb-16	12:15:15	42.2	48.3	37.4	58.6	73.6	77.1	3.9	67.3
661	24-Feb-16	12:16:15	43.2	51.2	37.6	59	75.2	75.6	3.9	67.3
662	24-Feb-16	12:17:15	39.6	44.9	37.6	56.6	70	71.3	3.9	67.3
663	24-Feb-16	12:18:15	42	50.1	37.7	57.7	73.7	75.2	3.9	67.3
664	24-Feb-16	12:19:15	39.7	47.3	38	58.4	78.5	80.8	3.9	67.3
665	24-Feb-16	12:20:15	39.9	46.3	37.5	56.6	72	72.1	3.9	67.3
666	24-Feb-16	12:21:15	39	44.5	37.6	57.7	82.1	83.9	3.9	67.3
667	24-Feb-16	12:22:15	38.9	43.4	37.7	56.3	70.1	71.4	3.9	67.2
668	24-Feb-16	12:23:15	40.2	42.3	38.1	59.2	73.2	74.1	3.9	67.2
669	24-Feb-16	12:24:15	40	43.3	38.4	57.1	70	71.4	3.9	67.2
670	24-Feb-16	12:25:15	41.9	47.6	38.6	59.4	75.4	76.4	3.9	67.2
671	24-Feb-16	12:26:15	44.8	50.2	38.6	60.8	76.9	78.2	3.9	67.2
672	24-Feb-16	12:27:15	40.8	48	37.9	57.8	72.7	74.9	3.9	67.2
673	24-Feb-16	12:28:15	40.7	48	38.2	57.7	72.5	74.1	3.9	67.2
674	24-Feb-16	12:29:15	42.4	49.2	38.3	59.2	76.9	78.6	3.9	67.2
675	24-Feb-16	12:30:15	40.4	46.9	38	58.3	72.5	73.4	3.9	67.2

676	24-Feb-16	12:31:15	42.1	50.2	37.9	58.8	73.5	74.1	3.9	67.2
677	24-Feb-16	12:32:15	41.5	50.9	37.3	58.1	75.9	78.8	3.9	67.2
678	24-Feb-16	12:33:15	44.4	53.7	38.3	61.6	80.4	79.7	3.9	67.2
679	24-Feb-16	12:34:15	41.7	49.1	37.9	58.3	74.2	77	3.9	67.2
680	24-Feb-16	12:35:15	38	39.3	37.2	55.5	68.8	71.5	3.9	67.1
681	24-Feb-16	12:36:15	45.4	52.8	37.7	60.1	77.9	80.1	3.9	67.1
682	24-Feb-16	12:37:15	62.5	68.3	52.1	74.4	93.8	94.5	3.9	67.1
683	24-Feb-16	12:38:15	58.1	63.6	49.7	71	86.6	88.2	3.9	67.1
684	24-Feb-16	12:39:15	49.5	54.9	39.8	60.6	77.9	80.8	3.9	67.1
685	24-Feb-16	12:40:15	40.8	43.2	38.3	57	70.8	71.9	3.9	67.1
686	24-Feb-16	12:41:15	38.4	39.4	37.5	55.4	69.9	71.3	3.9	67.1
687	24-Feb-16	12:42:15	40.5	48.6	37.8	56.3	72	73.5	3.9	67.1
688	24-Feb-16	12:43:15	45.4	58.5	38.5	59.1	77.8	78.1	3.9	67.1
689	24-Feb-16	12:44:15	38.3	39.4	37.5	55.7	69	70.2	3.9	67.1
690	24-Feb-16	12:45:15	39.2	41.7	38.1	56.3	70.9	73	3.9	67.1
691	24-Feb-16	12:46:15	45.5	51.5	38.1	61	79	79.6	3.9	67
692	24-Feb-16	12:47:15	41.6	49.5	37.7	58.7	73.2	74.6	3.9	67
693	24-Feb-16	12:48:15	40.3	46.5	38.1	57.2	74	77	3.9	67
694	24-Feb-16	12:49:15	41.4	49.6	38.1	58.5	74	75	3.9	67
695	24-Feb-16	12:50:15	38.5	41.7	37.4	57.1	75	77.2	3.9	67
696	24-Feb-16	12:51:15	38.3	39.4	37	57.5	74.6	77.2	3.9	67
697	24-Feb-16	12:52:15	45.9	58	37.5	60.3	79	79.2	3.9	67
698	24-Feb-16	12:53:15	38.4	41	37.4	55.8	71.5	73.7	3.9	67
699	24-Feb-16	12:54:15	38.2	41.3	37.3	56.1	72.9	73.5	3.9	67
700	24-Feb-16	12:55:15	43.1	53	37.5	58.8	77.3	77.2	3.9	66.9
701	24-Feb-16	12:56:15	41.8	50.3	36.6	56.8	79.9	82.5	3.9	67
702	24-Feb-16	12:57:15	41.7	50.1	37.1	57.8	76.3	80	3.9	66.9
703	24-Feb-16	12:58:15	42.6	55.6	37.7	58.3	87	87.2	3.9	66.9
704	24-Feb-16	12:59:15	42.5	50	37.6	61.1	79.8	80.1	3.9	66.9
705	24-Feb-16	13:00:15	40.2	44.9	37.2	57.5	72.5	73.3	3.9	66.9
706	24-Feb-16	13:01:15	41.5	49.8	37.5	57.9	79.1	81.9	3.9	66.9
707	24-Feb-16	13:02:15	40.5	49.1	37.5	57.3	73.8	75.2	3.9	66.9
708	24-Feb-16	13:03:15	43.5	53.1	37.5	58	73.9	75	3.9	66.9
709	24-Feb-16	13:04:15	39.1	44	37.2	56.5	71.7	74	3.9	66.9
710	24-Feb-16	13:05:15	41.6	49.4	38.3	58.5	75	75.5	3.9	66.9
711	24-Feb-16	13:06:15	41.6	52.7	37.4	57.2	72.6	74.2	3.9	66.8
712	24-Feb-16	13:07:15	40.5	52.9	36.9	57.6	76.1	78.6	3.9	66.8
713	24-Feb-16	13:08:15	39	40.6	37.8	56.4	70	71.5	3.9	66.8
714	24-Feb-16	13:09:15	38.5	40.4	37.6	56.2	69.9	71.5	3.9	66.8
715	24-Feb-16	13:10:15	45.6	58.4	36.9	61.9	84.3	84.3	3.9	66.8
716	24-Feb-16	13:11:15	40.4	47.8	37.2	57	72.4	73.1	3.9	66.8
717	24-Feb-16	13:12:15	42.7	52.9	37.7	57.8	74.6	74.1	3.9	66.8
718	24-Feb-16	13:13:15	40.3	44	38.1	56.6	72.1	74	3.9	66.8
719	24-Feb-16	13:14:15	37.9	39.6	36.8	55.3	70.2	72.9	3.9	66.8
720	24-Feb-16	13:15:15	37.6	38.6	36.6	55.4	68.2	69.5	3.9	66.8
721	24-Feb-16	13:16:15	51.7	67.4	37.4	61	91.2	92	3.9	66.8
722	24-Feb-16	13:17:15	40.4	49.6	37.1	57.1	75.8	76.6	3.9	66.7

723	24-Feb-16	13:18:15	49.4	64.6	37.9	60	92.7	92.7	3.9	66.7
724	24-Feb-16	13:19:15	37.7	39	36.9	56.2	69.9	72.7	3.9	66.7
725	24-Feb-16	13:20:15	37.5	39.9	36.9	55.2	68.3	69.5	3.9	66.7
726	24-Feb-16	13:21:15	38	40.8	37.1	56	76.9	81.2	3.9	66.7
727	24-Feb-16	13:22:15	38.6	41.9	37.1	56.2	70.1	71.9	3.9	66.7
728	24-Feb-16	13:23:15	41.4	51.7	37.3	56.2	73.9	74.4	3.9	66.7
729	24-Feb-16	13:24:15	40.8	47	37.5	55.6	68.3	70.7	3.9	66.7
730	24-Feb-16	13:25:15	43.4	48.1	38.5	56.2	71.3	72.4	3.9	66.7
731	24-Feb-16	13:26:15	42.4	51.6	38.2	57.8	73.8	73.9	3.9	66.6
732	24-Feb-16	13:27:15	38.5	41.5	37.1	56.4	71	71.7	3.9	66.6
733	24-Feb-16	13:28:15	39.5	44.8	37.6	56.7	71.7	75.3	3.9	66.6
734	24-Feb-16	13:29:15	44	52.4	36.9	58.2	75	75.9	3.9	66.6
735	24-Feb-16	13:30:15	53.8	67.3	37.9	69.1	89.8	89.9	3.9	66.6
736	24-Feb-16	13:31:15	44.3	54.6	37	60	78.7	79.1	3.9	66.6
737	24-Feb-16	13:32:15	37.5	45	36.4	54.8	68.1	68.9	3.9	66.6
738	24-Feb-16	13:33:15	37.6	40	36.4	55.1	69.5	71.9	3.9	66.6
739	24-Feb-16	13:34:15	38	40.1	36.5	55.3	68.4	69.7	3.9	66.5
740	24-Feb-16	13:35:15	38.1	40.1	37.1	55.9	69.4	71.6	3.9	66.5
741	24-Feb-16	13:36:15	37.9	40	37.1	55.9	70	70.5	3.9	66.5
742	24-Feb-16	13:37:15	38.2	40.5	36.8	56	70.7	70.6	3.9	66.5
743	24-Feb-16	13:38:15	38.4	41.3	37.5	56.7	72.4	73.5	3.9	66.5
744	24-Feb-16	13:39:15	41.5	50.6	37.5	59.6	77.1	77.5	3.9	66.5
745	24-Feb-16	13:40:15	38.2	40.3	37.1	56	69.9	72.8	3.9	66.5
746	24-Feb-16	13:41:15	38	40.6	36.4	55.8	75.2	77.9	3.9	66.4
747	24-Feb-16	13:42:15	42.4	53	36.6	61.3	79.5	80.6	3.9	66.4
748	24-Feb-16	13:43:15	40.6	47.6	37.9	60.3	78	78.7	3.9	66.4
749	24-Feb-16	13:44:15	44.7	52.1	37	60.4	77.4	79	3.9	66.4
750	24-Feb-16	13:45:15	41.5	51.4	36.5	56.2	73.1	74.1	3.9	66.4
751	24-Feb-16	13:46:15	37.5	39.9	36.5	55.2	70	72.7	3.9	66.4
752	24-Feb-16	13:47:15	38.2	40	36.7	56.5	69.2	71.3	3.9	66.3
753	24-Feb-16	13:48:15	38.3	40.8	37	56.9	70.9	72.5	3.9	66.3
754	24-Feb-16	13:49:15	39	45.8	37	56.4	71.4	72.4	3.9	66.3
755	24-Feb-16	13:50:15	43.2	50.4	38.4	61.2	76	77.4	3.9	66.3
756	24-Feb-16	13:51:15	38.5	40.4	37.1	56.7	74.1	76.2	3.9	66.3
757	24-Feb-16	13:52:15	37.7	39.4	36.8	56.3	69	70.1	3.9	66.3
758	24-Feb-16	13:53:15	40	47.2	36.4	57.6	73.1	73.9	3.9	66.3
759	24-Feb-16	13:54:15	40.2	46.8	37.5	59.8	89.2	92	3.9	66.2
760	24-Feb-16	13:55:15	42.2	47	38.1	60.8	81.5	83.8	3.9	66.2
761	24-Feb-16	13:56:15	39	41.5	37.5	59.9	73.7	75.3	3.9	66.2
762	24-Feb-16	13:57:15	38.5	40.5	37.2	58.9	70.9	72.1	3.9	66.2
763	24-Feb-16	13:58:15	40.5	47.4	37.7	59.4	73.8	75	3.9	66.2
764	24-Feb-16	13:59:15	41.3	49.5	37.7	59.1	73.9	74.8	3.9	66.2
765	24-Feb-16	14:00:15	40.5	43	38.4	59.1	72	73.3	3.9	66.2
766	24-Feb-16	14:01:15	39.9	45.2	38.4	58.6	74.2	75.8	3.9	66.1
767	24-Feb-16	14:02:15	39.1	44.5	37.4	56.4	70.3	71.4	3.9	66.1
768	24-Feb-16	14:03:15	39.4	44.2	37.8	56.7	72.2	73.1	3.9	66.1
769	24-Feb-16	14:04:15	40.6	46.7	37.1	56.8	72.6	73.9	3.9	66.1

770	24-Feb-16	14:05:15	43.1	47.9	39.3	59.7	74.1	75.6	3.9	66.1
771	24-Feb-16	14:06:15	46.7	50.7	41.2	60	74.4	75.8	3.9	66
772	24-Feb-16	14:07:15	40.2	42.5	38.5	56.6	70.4	72	3.9	66
773	24-Feb-16	14:08:15	39.3	41.7	37.9	55.9	68	70	3.9	66
774	24-Feb-16	14:09:15	39.4	42.2	36.9	55.1	67.6	69.9	3.9	66
775	24-Feb-16	14:10:15	39.7	47.4	36.9	56.3	73.2	74.5	3.9	66
776	24-Feb-16	14:11:15	38.7	40.2	37	56	70	70.4	3.9	66
777	24-Feb-16	14:12:15	38.6	41	37.2	55.6	68.1	70	3.9	65.9
778	24-Feb-16	14:13:15	38.2	40.6	36.9	55.4	67.7	69.3	3.9	65.9
779	24-Feb-16	14:14:15	37.6	39.8	36.2	54.8	67.9	70	3.9	65.9
780	24-Feb-16	14:15:15	37.7	42.3	36.3	55.9	70.7	71.3	3.9	65.9
781	24-Feb-16	14:16:15	36.6	37.9	36	54.3	68.9	69.5	3.9	65.9
782	24-Feb-16	14:17:15	37.2	38.7	36.5	54.5	71.2	74.2	3.9	65.8
783	24-Feb-16	14:18:15	40.1	48.4	36	57.4	77.3	77.5	3.9	65.8
784	24-Feb-16	14:19:15	39.5	46.3	36.5	55.6	69.4	70.9	3.9	65.8
785	24-Feb-16	14:20:15	37.6	40	36.2	55.5	68.9	69.8	3.9	65.8
786	24-Feb-16	14:21:15	38.1	41.5	36.3	56.4	73.2	76.3	3.9	65.8
787	24-Feb-16	14:22:15	37.4	40.2	36.3	55.8	72.6	73.7	3.9	65.7
788	24-Feb-16	14:23:15	37.2	38.6	36.3	55	68.3	69.7	3.9	65.7
789	24-Feb-16	14:24:15	37	38.3	36.1	54.6	67.6	69.1	3.9	65.7
790	24-Feb-16	14:25:15	36.7	37.9	36.2	54.7	68.5	70.5	3.9	65.6
791	24-Feb-16	14:26:15	37.1	38.5	36	54.4	66.9	68.7	3.9	65.6
792	24-Feb-16	14:27:15	37.7	39.2	36.4	54.9	68.9	69.6	3.9	65.6
793	24-Feb-16	14:28:15	38.2	40.8	37	55.3	68.9	70.4	3.9	65.6
794	24-Feb-16	14:29:15	40.6	44.9	37.1	54.9	68.7	68.7	3.9	65.6
795	24-Feb-16	14:30:15	46.6	53.4	38.5	55.9	70.8	71.7	3.9	65.5
796	24-Feb-16	14:31:15	40.2	43.7	37.8	55.4	69.6	70.7	3.9	65.5
797	24-Feb-16	14:32:15	38.9	41.5	37.2	55.8	70	70.5	3.9	65.5
798	24-Feb-16	14:33:15	42.7	45.9	37.8	59.5	74.8	75.5	3.9	65.5
799	24-Feb-16	14:34:15	40.1	48.9	37.2	54.8	72	73.2	3.9	65.4
800	24-Feb-16	14:35:15	38	39.7	36.9	54	67.3	68.3	3.9	65.4
801	24-Feb-16	14:36:15	43.2	53.5	37	58	76.6	76.8	3.9	65.4
802	24-Feb-16	14:37:15	38.2	41.5	36.6	54.6	67.5	68.4	3.9	65.4
803	24-Feb-16	14:38:15	38.4	42.5	36.8	55.1	67.7	69.5	3.9	65.4
804	24-Feb-16	14:39:15	37.9	39.3	36.8	55.5	69.1	71	3.9	65.3
805	24-Feb-16	14:40:15	38.3	41.2	37.1	55.8	72.3	76.5	3.9	65.3
806	24-Feb-16	14:41:15	39.2	43	37.4	55.2	68.1	69.8	3.9	65.3
807	24-Feb-16	14:42:15	39.6	45.2	37.1	55.4	70.2	71	3.9	65.2
808	24-Feb-16	14:43:15	37.5	38.7	36.6	54.5	68.1	68.8	3.9	65.2
809	24-Feb-16	14:44:15	40.3	48	37	57.4	74	75.2	3.9	65.2
810	24-Feb-16	14:45:15	37.6	39.1	36.7	55.6	69.2	70.8	3.9	65.2
811	24-Feb-16	14:46:15	38.4	41.4	37.2	56.3	69.2	70.6	3.9	65.1
812	24-Feb-16	14:47:15	37.6	39.5	36.5	55.3	68.4	70.3	3.9	65.1
813	24-Feb-16	14:48:15	38.6	45.8	36.5	56.7	71.9	72.7	3.9	65.1
814	24-Feb-16	14:49:15	36.5	37.2	35.6	53.6	67	67.8	3.9	65.1
815	24-Feb-16	14:50:15	36.2	37.4	35.4	52.7	65	66.9	3.9	65
816	24-Feb-16	14:51:15	37.4	39	35.3	55.3	70.4	71.9	3.9	65

817	24-Feb-16	14:52:15	39.4	48.4	36.3	57.3	72.2	74.1	3.9	65
818	24-Feb-16	14:53:15	38.4	48.3	36.3	56.2	69.3	72.2	3.9	65
819	24-Feb-16	14:54:15	37.4	39.2	36	55.4	70	70.8	3.9	64.9
820	24-Feb-16	14:55:15	37.1	39.1	36.1	54.2	67.2	68.4	3.9	64.9
821	24-Feb-16	14:56:15	37.1	38.9	36.1	54.5	67.9	69.1	3.9	64.9
822	24-Feb-16	14:57:15	38.9	42.8	36.6	55.6	69.3	70	3.9	64.8
823	24-Feb-16	14:58:15	45.4	57.1	36.9	61.1	82.1	82.3	3.9	64.8
824	24-Feb-16	14:59:15	37.5	39.4	36.2	54.4	68.8	70.8	3.9	64.8
825	24-Feb-16	15:00:15	37.9	40	36.2	54.2	76.6	79.3	3.9	64.8
826	24-Feb-16	15:01:15	39.8	42.4	37.8	55.9	69.2	72.4	3.9	64.8
827	24-Feb-16	15:02:15	40.4	48.5	37	55.4	71	71.3	3.9	64.7
828	24-Feb-16	15:03:15	37.6	39.2	36.5	55.3	69.3	71.5	3.9	64.7
829	24-Feb-16	15:04:15	37.8	39.9	36.5	55.4	70	70.7	3.9	64.7
830	24-Feb-16	15:05:15	38	39.4	37.1	55	68.2	70	3.9	64.6
831	24-Feb-16	15:06:15	38	41.1	36.6	54.6	67.1	68.8	3.9	64.6
832	24-Feb-16	15:07:15	37.8	40.3	36.6	53.9	68.4	69.3	3.9	64.6
833	24-Feb-16	15:08:15	37.4	38.5	36.5	53.7	66.4	67.5	3.9	64.6
834	24-Feb-16	15:09:15	37.7	40	36.6	53.9	71.5	74.3	3.9	64.6
835	24-Feb-16	15:10:15	37.4	39.4	36.6	53.6	70.6	74.1	3.9	64.5
836	24-Feb-16	15:11:15	37.6	39.2	36.4	54.1	67.6	69.3	3.9	64.5
837	24-Feb-16	15:12:15	37	38.1	36.5	53.3	69.3	73.2	3.9	64.5
838	24-Feb-16	15:13:15	37.2	37.9	36.5	53.6	67.7	70.5	3.9	64.5
839	24-Feb-16	15:14:15	38.2	43.9	36.3	56	73.9	75.1	3.9	64.4
840	24-Feb-16	15:15:15	38.5	41.1	36.8	56.7	70	71.7	3.9	64.4
841	24-Feb-16	15:16:15	36.6	37.4	35.8	52.9	65.7	67.3	3.9	64.4
842	24-Feb-16	15:17:15	36.5	37.2	35.9	53	69.1	73.2	3.9	64.4
843	24-Feb-16	15:18:15	36.6	37.4	35.9	53.5	66.4	67.3	3.9	64.4
844	24-Feb-16	15:19:15	36.7	38.2	35.9	53.8	67.1	69.3	3.9	64.3
845	24-Feb-16	15:20:15	38.1	41.4	36	55	69	69.3	3.9	64.3
846	24-Feb-16	15:21:15	42.7	51.9	36.9	60.2	78.1	77.9	3.9	64.3
847	24-Feb-16	15:22:15	37.5	39.4	36.1	56.3	71	72.1	3.9	64.3
848	24-Feb-16	15:23:15	36.8	37.7	36	54.5	67.8	69.2	3.9	64.3
849	24-Feb-16	15:24:15	36.7	37.7	36	53.9	66.9	68.2	3.9	64.3
850	24-Feb-16	15:25:15	37.4	38.5	36.2	54	67	68	3.9	64.2
851	24-Feb-16	15:26:15	37.7	39.2	36.6	54	67.3	68.5	3.9	64.2
852	24-Feb-16	15:27:15	39	43.4	37.3	54.3	67.9	68.3	3.9	64.2
853	24-Feb-16	15:28:15	37.5	40.3	36.5	53.2	66.5	66.9	3.9	64.2
854	24-Feb-16	15:29:15	37.4	38.3	36.6	53.3	66	67.2	3.9	64.1
855	24-Feb-16	15:30:15	37.2	39.1	36.2	53	67.2	67.9	3.9	64.1
856	24-Feb-16	15:31:15	36.6	37.5	35.8	52.9	66.6	67.6	3.9	64.1
857	24-Feb-16	15:32:15	37.3	41	35.7	54.2	68.7	69.4	3.9	64.1
858	24-Feb-16	15:33:15	37.2	38.4	36.4	55.8	69.9	70.6	3.9	64.1
859	24-Feb-16	15:34:15	36.9	38.7	35.9	54.1	67.6	68.8	3.9	64
860	24-Feb-16	15:35:15	36.9	37.6	36.2	53.6	66.9	68.2	3.9	64
861	24-Feb-16	15:36:15	38	42.9	36.3	55.1	70	70.8	3.9	64
862	24-Feb-16	15:37:15	37.7	45	36.4	54.5	71.9	72.1	3.9	64
863	24-Feb-16	15:38:15	37.2	40.3	36.1	53.6	67.3	68.9	3.9	64

864	24-Feb-16	15:39:15	37.7	39.1	36.5	53.8	69	68.6	3.9	63.9
865	24-Feb-16	15:40:15	37.1	38	36.3	53.7	67.2	67.5	3.9	63.9
866	24-Feb-16	15:41:15	37.4	40.4	36.5	53.8	68	69	3.9	63.9
867	24-Feb-16	15:42:15	38.5	41.4	36.6	54.7	69.3	69.4	3.9	63.9
868	24-Feb-16	15:43:15	37.5	38.8	36.5	53.7	67.1	68.4	3.9	63.9
869	24-Feb-16	15:44:15	37.5	40.3	36.5	54.2	68.5	69	3.9	63.8
870	24-Feb-16	15:45:15	36.7	37.9	36	53	65.2	67.9	3.9	63.8
871	24-Feb-16	15:46:15	37.6	39.7	36.6	54.5	68.3	70.6	3.9	63.8
872	24-Feb-16	15:47:15	38.2	41.1	36.6	55.5	69.4	70.4	3.9	63.8
873	24-Feb-16	15:48:15	38.3	40.7	37.1	54.3	69.9	71.8	3.9	63.8
874	24-Feb-16	15:49:15	40.2	49.1	36.2	56.4	74.2	76.1	3.9	63.8
875	24-Feb-16	15:50:15	36.7	37.8	35.9	52.7	64.9	66.1	3.9	63.7
876	24-Feb-16	15:51:15	36.6	37.6	36.1	53	65.5	67.4	3.9	63.7
877	24-Feb-16	15:52:15	36.7	37.3	35.9	52.4	65	66.8	3.9	63.7
878	24-Feb-16	15:53:15	37.7	46.5	36.1	52.5	71.3	73.8	3.9	63.6
879	24-Feb-16	15:54:15	36.8	37.6	36.1	52.2	66.1	67.2	3.9	63.6
880	24-Feb-16	15:55:15	37.2	38.6	36.3	53	65.7	67.3	3.9	63.6
881	24-Feb-16	15:56:15	37.2	38.6	36.5	52.4	65.1	66.5	3.9	63.6
882	24-Feb-16	15:57:15	38.1	43.4	36.8	53.2	69.3	69.3	3.9	63.5
883	24-Feb-16	15:58:15	37.8	40.6	36.6	53.3	77.3	80.7	3.9	63.5
884	24-Feb-16	15:59:15	37.9	38.9	36.6	53.7	66.4	69.6	3.9	63.5
885	24-Feb-16	16:00:15	38.8	40.3	37.6	54.9	68.3	70.6	3.9	63.4
886	24-Feb-16	16:01:15	50	54.2	40.3	63.4	77.1	78.2	3.9	63.5
887	24-Feb-16	16:02:15	48.5	54.4	40.2	60.1	75.7	76.8	3.9	63.4
888	24-Feb-16	16:03:15	38.9	40.3	37.2	54.5	67.9	69.3	3.9	63.4
889	24-Feb-16	16:04:15	38	39.2	37.1	54	67.3	68.3	3.9	63.4
890	24-Feb-16	16:05:15	38.7	44.4	37.6	54.6	68.1	70.5	3.9	63.4
891	24-Feb-16	16:06:15	38.3	40.9	37	55.6	69.8	71.2	3.9	63.3
892	24-Feb-16	16:07:15	37.7	39.8	36.9	54.9	68.3	69.1	3.9	63.3
893	24-Feb-16	16:08:15	37.7	40.2	36.6	54.9	68	69.9	3.9	63.3
894	24-Feb-16	16:09:15	37.7	39.2	36.5	54.8	68	68.9	3.9	63.3
895	24-Feb-16	16:10:15	36.8	37.4	36.2	53.3	67.3	67.9	3.9	63.3
896	24-Feb-16	16:11:15	36.7	37.6	36.1	52.8	65.8	67.1	3.9	63.2
897	24-Feb-16	16:12:15	37.2	39.1	36.2	52.9	67	67.8	3.9	63.2
898	24-Feb-16	16:13:15	38.6	40.7	37.1	54.2	67.6	68.8	3.9	63.2
899	24-Feb-16	16:14:15	37.6	39.2	36.7	53.8	73.4	77	3.9	63.2
900	24-Feb-16	16:15:15	37.2	37.9	36.9	54.4	67.2	69.5	3.9	63.1
901	24-Feb-16	16:16:15	38.8	40.9	36.6	54	67	67.7	3.9	63.1
902	24-Feb-16	16:17:15	37.3	39	36.3	53	66.7	67.4	3.9	63.1
903	24-Feb-16	16:18:15	36.4	37.9	35.5	52.2	65.9	66.7	3.9	63.1
904	24-Feb-16	16:19:15	37	40.2	35.7	53.4	67.1	69.8	3.9	63.1
905	24-Feb-16	16:20:15	36.1	37.6	35.2	52	65.4	67.2	3.9	63
906	24-Feb-16	16:21:15	37.9	42.8	36.2	53.4	69.1	70.3	3.9	63
907	24-Feb-16	16:22:15	36.4	37.6	35.7	51.9	65.2	66.3	3.9	63
908	24-Feb-16	16:23:15	36.6	38	36	52.6	67.3	68.3	3.9	63
909	24-Feb-16	16:24:15	36.4	38	35.4	52.3	65.7	66.7	3.9	63
910	24-Feb-16	16:25:15	36	37.4	35.2	51.7	65.4	66.3	3.9	62.9

911	24-Feb-16	16:26:15	36.4	38.2	35.5	52.1	65.2	67.1	3.9	62.9
912	24-Feb-16	16:27:15	36.4	37.5	35.7	52.2	65.7	66.9	3.9	62.9
913	24-Feb-16	16:28:15	36.2	37.4	35.3	52.2	67	68.4	3.9	62.9
914	24-Feb-16	16:29:15	36.9	38.2	36	53.4	65.7	67.8	3.9	62.9
915	24-Feb-16	16:30:15	37.3	39.5	36.2	53.8	67.2	68.9	3.9	62.9
916	24-Feb-16	16:31:15	36.5	37.8	35.7	52.8	66.4	67.6	3.9	62.9
917	24-Feb-16	16:32:15	36.4	39.7	35.7	52.7	66.1	67	3.9	62.8
918	24-Feb-16	16:33:15	36.5	37.3	35.6	53	66.9	68.1	3.9	62.8
919	24-Feb-16	16:34:15	36.1	37.4	35.6	52.6	65.7	67	3.9	62.8
920	24-Feb-16	16:35:15	36.7	40.8	35	52.2	66	67.2	3.9	62.8
921	24-Feb-16	16:36:15	37	39	34.9	54	67.3	69.1	3.9	62.8
922	24-Feb-16	16:37:15	37.4	42.5	35.9	53.7	67.1	68.7	3.9	62.8
923	24-Feb-16	16:38:15	36.5	37.7	35.6	53.3	67.9	69.1	3.9	62.7
924	24-Feb-16	16:39:15	36.1	36.7	35.5	52.8	67	68.2	3.9	62.7
925	24-Feb-16	16:40:15	37.2	41.2	35.7	54.3	70	71	3.9	62.7
926	24-Feb-16	16:41:15	36.2	38.3	35.5	52.1	65.4	66.7	3.9	62.7
927	24-Feb-16	16:42:15	39.5	46.9	35.6	55.2	71.2	71.6	3.9	62.7
928	24-Feb-16	16:43:15	50.2	57.3	40.6	62.1	78.2	80.1	3.9	62.7
929	24-Feb-16	16:44:15	37.7	40.9	36	52.9	66.9	68.5	3.9	62.6
930	24-Feb-16	16:45:15	36.6	37.4	36	52.6	66.1	67.6	3.9	62.6
931	24-Feb-16	16:46:15	37.1	38.2	36.3	52.7	67.1	67.9	3.9	62.6
932	24-Feb-16	16:47:15	37.1	39.3	35.6	53.8	68.1	69.1	3.9	62.6
933	24-Feb-16	16:48:15	44.7	51.6	35.5	53	68.5	69.9	3.9	62.6
934	24-Feb-16	16:49:15	40.7	47.1	37.4	54.6	74.3	75.9	3.9	62.5
935	24-Feb-16	16:50:15	38.9	43.3	36.1	52.1	65.5	68	3.9	62.5
936	24-Feb-16	16:51:15	38	43.3	35.5	55.8	73.1	73.6	3.9	62.5
937	24-Feb-16	16:52:15	36.1	37.2	35.5	52	66.2	68.5	3.9	62.4
938	24-Feb-16	16:53:15	38.9	48.4	35.6	52.9	70.9	71.5	3.9	62.4
939	24-Feb-16	16:54:15	36.2	37.5	35.6	52.3	65.6	67	3.9	62.4
940	24-Feb-16	16:55:15	36.4	37.2	35.6	52.4	66.5	67.4	3.9	62.4
941	24-Feb-16	16:56:15	36.5	37.3	35.8	52.5	64.5	67.3	3.9	62.3
942	24-Feb-16	16:57:15	36.8	37.9	35.9	52.7	65.7	68	3.9	62.3
943	24-Feb-16	16:58:15	36.6	38.2	35.5	52.5	65.3	66.9	3.9	62.3
944	24-Feb-16	16:59:15	36.7	37.9	35.9	52.6	66.6	67	3.9	62.3
945	24-Feb-16	17:00:15	36.7	38.5	35.5	52.5	67.6	68.6	3.9	62.3
946	24-Feb-16	17:01:15	36.2	38.1	35.4	52.2	65.1	66.9	3.9	62.2
947	24-Feb-16	17:02:15	36.5	38.7	35.6	53.8	68.1	69.7	3.9	62.2
948	24-Feb-16	17:03:15	38.1	41.7	35.8	56.5	72.1	72.6	3.9	62.2
949	24-Feb-16	17:04:15	39.8	48.6	34.9	53	66.8	67.6	3.9	62.2
950	24-Feb-16	17:05:15	35.8	36.6	35.1	51.5	64.6	65.8	3.9	62.2
951	24-Feb-16	17:06:15	35.5	36.3	34.8	51.3	65	66	3.9	62.2
952	24-Feb-16	17:07:15	37.9	41	35.8	53.6	67.4	68	3.9	62.2
953	24-Feb-16	17:08:15	40.6	42.5	37.7	56.5	70.7	72.2	3.9	62.1
954	24-Feb-16	17:09:15	38.4	40.5	36.8	53.1	67.3	68.8	3.9	62.1
955	24-Feb-16	17:10:15	40.8	42.9	39.4	56.2	71.7	72.1	3.9	62.1
956	24-Feb-16	17:11:15	41.2	47.6	35.8	56.9	73.2	75.2	3.9	62.1
957	24-Feb-16	17:12:15	37	38.9	36	53.3	66.9	68.8	3.9	62.1

958	24-Feb-16	17:13:15	37.6	41.5	36.1	53.9	68.8	69.5	3.9	62.1
959	24-Feb-16	17:14:15	38.7	41.9	35.7	54.4	68.8	69.6	3.9	62.1
960	24-Feb-16	17:15:15	37.7	42.1	35.2	53.6	67.1	68.4	3.9	62.1
961	24-Feb-16	17:16:15	35.9	37.6	35.1	51.6	64.7	66.5	3.9	62.1
962	24-Feb-16	17:17:15	37.4	39.5	35.8	52.8	66.1	67.4	3.9	62
963	24-Feb-16	17:18:15	37.8	45.7	35.7	53	72	71.4	3.9	62
964	24-Feb-16	17:19:15	37.9	42.4	36	52.9	66.9	68	3.9	62
965	24-Feb-16	17:20:15	40.2	49.7	36.1	56	71.9	73.9	3.9	62
966	24-Feb-16	17:21:15	36.8	38.9	35.8	55	74.9	78.6	3.9	62
967	24-Feb-16	17:22:15	36.3	38.3	35.7	52.3	65.8	67	3.9	62
968	24-Feb-16	17:23:15	37.2	39.3	35.9	52.1	65.1	66.6	3.9	62
969	24-Feb-16	17:24:15	36	37.7	35.4	51.7	65.6	66.4	3.9	62
970	24-Feb-16	17:25:15	35.9	37.2	35	52.3	65.3	67.5	3.9	61.9
971	24-Feb-16	17:26:15	38	40.9	35.7	54	66.9	68.2	3.9	61.9
972	24-Feb-16	17:27:15	38.6	41.5	37.3	54	68.1	68.7	3.9	61.9
973	24-Feb-16	17:28:15	39.8	43.4	36.9	54.7	68.4	69.6	3.9	61.9
974	24-Feb-16	17:29:15	37.6	39.7	36.2	53.2	66.6	69.5	3.9	61.9
975	24-Feb-16	17:30:15	37.7	40.1	36.3	53.3	66.9	67.9	3.9	61.9
976	24-Feb-16	17:31:15	36.6	37.8	35.6	52.9	65.1	67.5	3.9	61.9
977	24-Feb-16	17:32:15	36.5	37.6	35.6	52.7	65.5	67	3.9	61.9
978	24-Feb-16	17:33:15	36.6	38	35.4	52.7	65.8	67.5	3.9	61.8
979	24-Feb-16	17:34:15	36.7	37.5	35.8	52.9	65.7	66.7	3.9	61.8
980	24-Feb-16	17:35:15	36.9	38.1	36	53.4	66.9	68	3.9	61.8
981	24-Feb-16	17:36:15	37.1	39.4	35.8	53.3	67	68.9	3.9	61.8
982	24-Feb-16	17:37:15	36.7	38.6	35.5	53.1	67.3	68.4	3.9	61.8
983	24-Feb-16	17:38:15	36.7	38.6	35.3	53.3	66.4	68.1	3.9	61.8
984	24-Feb-16	17:39:15	37.5	39.1	36.6	54.4	67.8	68.5	3.9	61.8
985	24-Feb-16	17:40:15	37.3	37.9	36.6	54.4	67.3	69.8	3.9	61.8
986	24-Feb-16	17:41:15	36.9	38.3	35.9	54.7	68.8	69.7	3.9	61.7
987	24-Feb-16	17:42:15	37.5	39.3	36.5	56.1	69.8	71.5	3.9	61.7
988	24-Feb-16	17:43:15	37.3	38.6	36.3	56.1	69.6	72.5	3.9	61.7
989	24-Feb-16	17:44:15	37.7	44.5	35.7	57	75.4	76.4	3.9	61.7
990	24-Feb-16	17:45:15	36.1	37.1	35.5	53.8	67	68.4	3.9	61.7
991	24-Feb-16	17:46:15	35.8	36.5	35.2	52.9	64.8	67	3.9	61.7
992	24-Feb-16	17:47:15	35.7	37.1	35	52.4	65.7	67.6	3.9	61.7
993	24-Feb-16	17:48:15	35.5	36.1	35	52.2	65.5	67.4	3.9	61.7
994	24-Feb-16	17:49:15	35.9	38.5	35	52.9	67.8	68.9	3.9	61.6
995	24-Feb-16	17:50:15	35.8	37.5	34.9	52.4	65.3	66.5	3.9	61.6
996	24-Feb-16	17:51:15	35.4	36.5	34.8	52.2	64.6	67.3	3.9	61.6
997	24-Feb-16	17:52:15	35.5	36.7	34.7	52.2	66.7	67.6	3.9	61.6
998	24-Feb-16	17:53:15	35.4	36.1	34.8	52.4	66	67.1	3.9	61.6
999	24-Feb-16	17:54:15	36.4	40.3	35.2	53.6	66.1	68.5	3.9	61.6
1000	24-Feb-16	17:55:15	36.1	36.9	35.4	53.6	66.9	68.8	3.9	61.5
1001	24-Feb-16	17:56:15	36.3	37.4	35.7	54.6	71.2	73.6	3.9	61.5
1002	24-Feb-16	17:57:15	35.8	36.7	35	52.4	65.5	67	3.9	61.5
1003	24-Feb-16	17:58:15	35.9	38.4	34.8	52.4	64.9	66.2	3.9	61.5
1004	24-Feb-16	17:59:15	35.8	36.6	35.1	52.4	65.3	67.8	3.9	61.5

1005	24-Feb-16	18:00:15	36.3	37.9	35	53.6	68.5	69.5	3.9	61.5
1006	24-Feb-16	18:01:15	36.4	37.8	35.4	53.1	65.9	68.4	3.9	61.5
1007	24-Feb-16	18:02:15	36.4	37.4	35.7	52.8	66.2	69	3.9	61.5
1008	24-Feb-16	18:03:15	37.5	43.1	35.8	53.7	67.6	68.5	3.9	61.4
1009	24-Feb-16	18:04:15	36.5	38.3	35.5	53.2	67.2	68.2	3.9	61.4
1010	24-Feb-16	18:05:15	36.8	38.2	35.8	53.6	67.3	67.9	3.9	61.4
1011	24-Feb-16	18:06:15	36.9	38.3	36.1	53.2	67.6	68.1	3.9	61.3
1012	24-Feb-16	18:07:15	36.5	38.4	35.2	53.4	67.3	68.1	3.9	61.4
1013	24-Feb-16	18:08:15	38.2	45	35.2	52.5	66.8	68.4	3.9	61.3
1014	24-Feb-16	18:09:15	36.9	40.8	34.8	52	65.3	67	3.9	61.3
1015	24-Feb-16	18:10:15	35.1	35.7	34.6	51.4	64.4	66.2	3.9	61.3
1016	24-Feb-16	18:11:15	35.6	36.5	35	51.8	65	66.4	3.9	61.3
1017	24-Feb-16	18:12:15	35.5	36.8	34.7	51.7	64.3	65.9	3.9	61.2
1018	24-Feb-16	18:13:15	36.6	38.8	35	52.8	65.4	67.2	3.9	61.2
1019	24-Feb-16	18:14:15	36.1	37.7	35.1	54	69.2	70.8	3.9	61.2
1020	24-Feb-16	18:15:15	35.6	36.3	35	52.8	65.3	68	3.9	61.2
1021	24-Feb-16	18:16:15	36	37.8	35.1	52.7	64.9	67.2	3.9	61.2
1022	24-Feb-16	18:17:15	35.7	36.5	34.9	53.3	66.4	68.1	3.9	61.2
1023	24-Feb-16	18:18:15	36.6	38.8	35.3	54.3	68.3	69.8	3.9	61.2
1024	24-Feb-16	18:19:15	36.3	37.1	35.7	56.5	69.6	71.4	3.9	61.2
1025	24-Feb-16	18:20:15	35.7	37.1	35	54.6	68.6	69.1	3.9	61.2
1026	24-Feb-16	18:21:15	36.7	38.6	35.2	54.9	69.4	69.9	3.9	61.1
1027	24-Feb-16	18:22:15	36.2	38.6	35.2	53.6	68.6	69.8	3.9	61.1
1028	24-Feb-16	18:23:15	38	46.2	35.5	54	69.9	69.9	3.9	61.1
1029	24-Feb-16	18:24:15	35.6	36.4	35	52.4	64.8	66.4	3.9	61.1
1030	24-Feb-16	18:25:15	35.7	36.4	35.1	52	65	66.9	3.9	61.1
1031	24-Feb-16	18:26:15	35.5	36.1	34.9	53.6	68.2	70.6	3.9	61.1
1032	24-Feb-16	18:27:15	36.3	40.5	34.5	52.4	65.7	67.2	3.9	61.1
1033	24-Feb-16	18:28:15	35.6	36.9	34.9	51.7	66.1	66.7	3.9	61.1
1034	24-Feb-16	18:29:15	36.4	42.1	35.2	52.2	65.3	67.2	3.9	61.1
1035	24-Feb-16	18:30:15	35.7	36.4	35.1	52.2	65	66.8	3.9	61.1
1036	24-Feb-16	18:31:15	35.5	36	35	51.9	65.2	66.3	3.9	61.1
1037	24-Feb-16	18:32:15	35.5	36.2	35	51.7	64.8	67	3.9	61
1038	24-Feb-16	18:33:15	36.1	38.2	35.2	53	67.3	68.1	3.9	61
1039	24-Feb-16	18:34:15	36.4	37.5	35.4	53.7	67.3	68.8	3.9	61
1040	24-Feb-16	18:35:15	36.7	38.7	35.1	54.7	69	70.8	3.9	61
1041	24-Feb-16	18:36:15	39.1	47.9	35	55.9	72.1	72.3	3.9	61
1042	24-Feb-16	18:37:15	36.3	37.9	35.3	53.6	68.5	69.8	3.9	61
1043	24-Feb-16	18:38:15	38.7	46.8	35.9	53.9	70.7	70.7	3.9	60.9
1044	24-Feb-16	18:39:15	36.2	37.7	35.3	52.6	66.7	67.3	3.9	60.9
1045	24-Feb-16	18:40:15	37.9	42.7	35.2	53.3	67.4	68.3	3.9	60.9
1046	24-Feb-16	18:41:15	37	38.4	35.5	54.6	68.7	70.5	3.9	60.9
1047	24-Feb-16	18:42:15	36.6	38.8	35.4	52.7	67.8	67.5	3.9	60.9
1048	24-Feb-16	18:43:15	35.9	38	35.1	52.1	64.8	67.6	3.9	60.9
1049	24-Feb-16	18:44:15	36.6	39.3	35.2	54.5	69.6	70.6	3.9	60.8
1050	24-Feb-16	18:45:15	36.9	38.3	35.9	53.9	69.1	72.7	3.9	60.8
1051	24-Feb-16	18:46:15	35.7	36.8	34.9	52.2	64.7	66.6	3.9	60.8

1052	24-Feb-16	18:47:15	35.8	36.4	35	53.1	66.2	68	3.9	60.8
1053	24-Feb-16	18:48:15	38.6	41.3	36.3	55	68.5	69.6	3.9	60.8
1054	24-Feb-16	18:49:15	38.1	40.2	36	54.4	67.5	68.5	3.9	60.8
1055	24-Feb-16	18:50:15	36.7	38	35.5	53	66.5	67.8	3.9	60.8
1056	24-Feb-16	18:51:15	37.3	40.5	35.6	54.2	68.4	70.3	3.9	60.8
1057	24-Feb-16	18:52:15	42.6	54.5	35.5	55.3	75.6	75.6	3.9	60.7
1058	24-Feb-16	18:53:15	35.8	36.7	35.2	52.3	65.9	67.2	3.9	60.7
1059	24-Feb-16	18:54:15	35.9	36.6	35.4	52.8	65.9	67.7	3.9	60.7
1060	24-Feb-16	18:55:15	36.3	37.1	35.6	52.9	67	68.4	3.9	60.7
1061	24-Feb-16	18:56:15	36.4	37.2	35.5	52.6	66.6	67.9	3.9	60.7
1062	24-Feb-16	18:57:15	36.3	37.7	35.5	52.9	67.1	68.6	3.9	60.7
1063	24-Feb-16	18:58:15	38.4	40.4	35.9	57.1	72.2	73.8	3.9	60.7
1064	24-Feb-16	18:59:15	36.5	37.3	36	53.7	68.6	70.3	3.9	60.7
1065	24-Feb-16	19:00:15	37.2	39.2	35.8	53.6	66.3	68.6	3.9	60.6
1066	24-Feb-16	19:01:15	37.9	39.5	36.3	53.6	66.2	67.5	3.9	60.6
1067	24-Feb-16	19:02:15	40.2	45.8	37.4	54.1	67.4	68.7	3.9	60.6
1068	24-Feb-16	19:03:15	36.8	38	35.7	53.3	67.6	70.6	3.9	60.6
1069	24-Feb-16	19:04:15	36.2	37	35.6	52.6	65	67.2	3.9	60.6
1070	24-Feb-16	19:05:15	37	38.2	36	52.4	65.6	67.5	3.9	60.5
1071	24-Feb-16	19:06:15	36.6	37.5	36	53.2	66	67.3	3.9	60.5
1072	24-Feb-16	19:07:15	37.5	38.9	36.2	53.6	66.5	67.8	3.9	60.5
1073	24-Feb-16	19:08:15	38.4	39.4	37.8	53.4	67.2	67.4	3.9	60.5
1074	24-Feb-16	19:09:15	38.3	39.1	37.8	53.1	65.8	66.8	3.9	60.5
1075	24-Feb-16	19:10:15	38.4	39.1	37.9	53.5	67.1	67.3	3.9	60.5
1076	24-Feb-16	19:11:15	38.4	39.2	37.9	53.3	66.5	67.1	3.9	60.5
1077	24-Feb-16	19:12:15	37.8	38.8	36.6	53.4	66.1	67.5	3.9	60.5
1078	24-Feb-16	19:13:15	37.1	37.8	36.4	53.9	68.6	69.4	3.9	60.5
1079	24-Feb-16	19:14:15	37.2	39.2	36.4	53.6	67.4	69.2	3.9	60.5
1080	24-Feb-16	19:15:15	37.3	38	36.4	53.3	65.9	66.7	3.9	60.5
1081	24-Feb-16	19:16:15	37.7	38.4	37.1	53.5	66.6	68.3	3.9	60.5
1082	24-Feb-16	19:17:15	39	41.7	36.9	53.7	66.6	67.7	3.9	60.5
1083	24-Feb-16	19:18:15	40.7	41.4	40.3	54	67.3	68.1	3.9	60.5
1084	24-Feb-16	19:19:15	40.9	41.5	40.6	54.9	68.8	70.1	3.9	60.4
1085	24-Feb-16	19:20:15	40.9	42	40.4	55.6	71.5	72.6	3.9	60.4
1086	24-Feb-16	19:21:15	41.4	42.3	40.7	57.7	71.7	73	3.9	60.4
1087	24-Feb-16	19:22:15	41.7	42.5	40.7	55.8	68.1	68.8	3.9	60.4
1088	24-Feb-16	19:23:15	41.5	42.1	40.7	55.3	68.3	69	3.9	60.4
1089	24-Feb-16	19:24:15	40.9	41.3	40.7	53.8	66.6	69.7	3.9	60.4
1090	24-Feb-16	19:25:15	41.1	41.6	40.7	54.1	67.2	68.4	3.9	60.4
1091	24-Feb-16	19:26:15	41.4	43.8	40.8	54.5	69.4	69.9	3.9	60.4
1092	24-Feb-16	19:27:15	42.1	43.1	40.8	56.1	69.1	70.4	3.9	60.4
1093	24-Feb-16	19:28:15	41.7	43.4	40.8	55	68.5	69.5	3.9	60.4
1094	24-Feb-16	19:29:15	41.5	42.9	40.9	54.8	68.9	70.9	3.9	60.4
1095	24-Feb-16	19:30:15	41.2	41.9	40.7	53.9	67.7	69.3	3.9	60.4
1096	24-Feb-16	19:31:15	41.1	41.7	40.8	53.8	69.4	70.2	3.9	60.4
1097	24-Feb-16	19:32:15	40.3	42.1	37.5	54	67	68.8	3.9	60.4
1098	24-Feb-16	19:33:15	39.7	44.3	38	54.3	68.7	69.9	3.9	60.4

1099	24-Feb-16	19:34:15	38.7	40.2	37.2	53.4	66.9	68.7	3.9	60.4
1100	24-Feb-16	19:35:15	37.7	38.5	37.1	53.4	67.2	68.8	3.9	60.4
1101	24-Feb-16	19:36:15	43.5	47.1	37.3	63.7	77.8	78.4	3.9	60.4
1102	24-Feb-16	19:37:15	45.8	48.4	44.5	65.2	78.4	78.9	3.9	60.4
1103	24-Feb-16	19:38:15	45.7	46.5	45	64.6	77.7	78.6	3.9	60.4
1104	24-Feb-16	19:39:15	45.8	47.9	45	65	78	78.7	3.9	60.4
1105	24-Feb-16	19:40:15	45.7	46.6	45	65.2	77.6	79.1	3.9	60.4
1106	24-Feb-16	19:41:15	46.1	48.6	45.3	65.7	78.3	78.7	3.9	60.4
1107	24-Feb-16	19:42:15	46.1	46.7	45.3	65.9	77.8	79.1	3.9	60.4
1108	24-Feb-16	19:43:15	46	47.1	45.3	65.9	78.4	79	3.9	60.4
1109	24-Feb-16	19:44:15	46.2	47.1	45.1	65.8	77.8	78.5	3.9	60.4
1110	24-Feb-16	19:45:15	45.9	47.2	44.9	65.5	79.7	79.1	3.9	60.3
1111	24-Feb-16	19:46:15	45.8	46.9	45	65.2	78.2	79.1	3.9	60.4
1112	24-Feb-16	19:47:15	45.8	46.7	45.1	65.2	77.6	79.4	3.9	60.4
1113	24-Feb-16	19:48:15	45.7	46.6	44.9	65.1	77.1	78	3.9	60.4
1114	24-Feb-16	19:49:15	45.5	46.4	44.4	64.9	77.2	77.8	3.9	60.4
1115	24-Feb-16	19:50:15	45.6	46.9	44.8	64.9	77.6	78.9	3.9	60.3
1116	24-Feb-16	19:51:15	45.6	46.7	44.7	65	77.7	78.5	3.9	60.3
1117	24-Feb-16	19:52:15	46	50.5	44.9	64.9	78	78.3	3.9	60.3
1118	24-Feb-16	19:53:15	45.2	46	44.5	64.5	77.2	78.1	3.9	60.3
1119	24-Feb-16	19:54:15	45.2	46.3	44.5	64.4	77.4	78.1	3.9	60.3
1120	24-Feb-16	19:55:15	45.2	46	44.5	64.4	77	77.2	3.9	60.3
1121	24-Feb-16	19:56:15	45.1	46.1	44.3	64.2	76.7	77.4	3.9	60.3
1122	24-Feb-16	19:57:15	45.3	46.2	44.6	64.4	77	77.7	3.9	60.2
1123	24-Feb-16	19:58:15	45.5	46.4	44.7	64.6	77.3	78.5	3.9	60.3
1124	24-Feb-16	19:59:15	45.8	46.6	45	64.7	76.7	77.2	3.9	60.3
1125	24-Feb-16	20:00:15	45.5	46.2	44.9	64.5	76.6	77.9	3.9	60.3
1126	24-Feb-16	20:01:15	45.5	46.3	44.8	64.3	77.1	77.8	3.9	60.3
1127	24-Feb-16	20:02:15	45.7	46.4	45.1	64.7	77.1	78.6	3.9	60.2
1128	24-Feb-16	20:03:15	45.9	47.2	45.2	64.9	78.5	79	3.9	60.2
1129	24-Feb-16	20:04:15	45.7	46.4	45.1	64.7	77.5	78.1	3.9	60.2
1130	24-Feb-16	20:05:15	45.8	46.6	45.2	64.7	77.4	78.2	3.9	60.2
1131	24-Feb-16	20:06:15	45.7	46.6	45	64.5	77.1	77.6	3.9	60.2
1132	24-Feb-16	20:07:15	45.7	46.7	45	64.5	76.9	78.2	3.9	60.1
1133	24-Feb-16	20:08:15	45.6	46.6	44.6	64.5	77.3	77.7	3.9	60.2
1134	24-Feb-16	20:09:15	45.8	47.2	45	64.7	78.1	78.3	3.9	60.2
1135	24-Feb-16	20:10:15	45.6	46.4	44.9	64.6	76.8	77.2	3.9	60.1
1136	24-Feb-16	20:11:15	45.7	46.5	45	64.7	76.9	78.1	3.9	60.1
1137	24-Feb-16	20:12:15	45.8	46.6	45	64.8	76.8	77.2	3.9	60.1
1138	24-Feb-16	20:13:15	47.6	51.1	45.5	65.4	78.9	78.7	3.9	60.1
1139	24-Feb-16	20:14:15	46.4	47.2	45.6	64.8	78.1	78.3	3.9	60.1
1140	24-Feb-16	20:15:15	47.2	48.6	46	65.2	77.9	78.9	3.9	60.1
1141	24-Feb-16	20:16:15	47	48.3	46.1	65.3	77.5	78.3	3.9	60.1
1142	24-Feb-16	20:17:15	47.4	49	46	65.3	78.5	79.2	3.9	60
1143	24-Feb-16	20:18:15	46.5	48	45.8	64.9	77.8	78.3	3.9	60
1144	24-Feb-16	20:19:15	46.2	47.2	45.4	65	77.6	78.8	3.9	60
1145	24-Feb-16	20:20:15	47.5	50.6	45.7	65.7	79.1	79.6	3.9	60

1146	24-Feb-16	20:21:15	54.5	58.7	47.2	70.8	85.8	86.1	3.9	60
1147	24-Feb-16	20:22:15	55.4	61.2	45.4	70.6	86.6	88.3	3.9	60
1148	24-Feb-16	20:23:15	61.3	68	45.5	74.2	90.8	92.9	3.9	59.9
1149	24-Feb-16	20:24:15	49.2	55.9	45.5	65.3	79.6	80	3.9	59.9
1150	24-Feb-16	20:25:15	46.5	47.9	45.7	65.3	78.1	79.5	3.9	59.9
1151	24-Feb-16	20:26:15	46.2	47.1	45.6	65.3	77.8	78.4	3.9	59.9
1152	24-Feb-16	20:27:15	48	50	45.5	65.6	79.2	80.1	3.9	59.9
1153	24-Feb-16	20:28:15	46.1	47	45	65	77.9	78.3	3.9	59.8
1154	24-Feb-16	20:29:15	46	46.9	45.4	65.1	77.5	78.6	3.9	59.8
1155	24-Feb-16	20:30:15	46.2	47	45.4	65	78.2	78.4	3.9	59.8
1156	24-Feb-16	20:31:15	47.5	49	46.2	65.3	78.1	79.4	3.9	59.8
1157	24-Feb-16	20:32:15	46.4	47.1	45.5	65.1	77.2	78	3.9	59.7
1158	24-Feb-16	20:33:15	46.5	47.3	45.9	65.2	77.2	77.6	3.9	59.7
1159	24-Feb-16	20:34:15	46.3	47.1	45.7	65.1	78.1	78.8	3.9	59.7
1160	24-Feb-16	20:35:15	46.7	47.8	45.9	65.6	78.9	79.4	3.9	59.7
1161	24-Feb-16	20:36:15	46.9	49.6	45.7	64.9	77.7	79	3.9	59.6
1162	24-Feb-16	20:37:15	46.7	48	45.6	65.2	78.2	80	3.9	59.6
1163	24-Feb-16	20:38:15	46.4	47.9	45.7	65.5	78.7	79.2	3.9	59.6
1164	24-Feb-16	20:39:15	46.2	47.1	45.5	65	78.4	79.1	3.9	59.6
1165	24-Feb-16	20:40:15	46.6	49.4	45.6	65.4	78.1	78.6	3.9	59.6
1166	24-Feb-16	20:41:15	46.2	47.2	45.4	65	77.1	78.4	3.9	59.6
1167	24-Feb-16	20:42:15	46.4	47.2	45.7	65.3	77.5	78.9	3.9	59.5
1168	24-Feb-16	20:43:15	46.3	47.1	45.5	65	77.6	78.4	3.9	59.5
1169	24-Feb-16	20:44:15	46.6	47.8	45.6	64.8	77	77.3	3.9	59.5
1170	24-Feb-16	20:45:15	46.4	47.4	45.5	65	77	77.7	3.9	59.5
1171	24-Feb-16	20:46:15	46.6	47.9	45.6	64.8	77.2	77.9	3.9	59.5
1172	24-Feb-16	20:47:15	46.2	47.6	45.1	64.8	78.3	78.5	3.9	59.5
1173	24-Feb-16	20:48:15	45.9	46.4	45.4	64.6	77.7	78.7	3.9	59.5
1174	24-Feb-16	20:49:15	45.8	46.5	45.1	64.8	77	77.7	3.9	59.4
1175	24-Feb-16	20:50:15	45.9	46.7	45.3	64.8	78.1	78.9	3.9	59.4
1176	24-Feb-16	20:51:15	47.1	54.1	44.9	65	78.3	79.4	3.9	59.4
1177	24-Feb-16	20:52:15	45.8	46.7	45.2	64.7	77.1	77.7	3.9	59.4
1178	24-Feb-16	20:53:15	46	47.3	45.3	64.8	77.8	78.1	3.9	59.4
1179	24-Feb-16	20:54:15	46.1	47	45.4	65.1	77.8	78.2	3.9	59.4
1180	24-Feb-16	20:55:15	46.4	47.1	45.6	66.5	79.2	80.7	3.9	59.4
1181	24-Feb-16	20:56:15	46.4	47.9	45.3	65.2	78.2	78.7	3.9	59.4
1182	24-Feb-16	20:57:15	45.8	46.6	45.2	64.7	76.7	78	3.9	59.3
1183	24-Feb-16	20:58:15	45.9	47.3	45.1	64.8	78	78.4	3.9	59.3
1184	24-Feb-16	20:59:15	45.8	46.8	45.3	64.9	77.3	78.4	3.9	59.3
1185	24-Feb-16	21:00:15	45.7	46.6	45.1	64.6	77	78.1	3.9	59.3
1186	24-Feb-16	21:01:15	45.9	46.6	45.2	64.8	76.6	77.5	3.9	59.3
1187	24-Feb-16	21:02:15	46.2	49	45.1	65.1	78	79.5	3.9	59.2
1188	24-Feb-16	21:03:15	46.6	51.6	45.1	65.3	77.6	79.7	3.9	59.2
1189	24-Feb-16	21:04:15	46	46.9	45.2	65.1	78.1	79.5	3.9	59.2
1190	24-Feb-16	21:05:15	46.1	46.8	45.5	65	76.8	77.9	3.9	59.2
1191	24-Feb-16	21:06:15	46	46.8	45.3	64.9	77.7	78.9	3.9	59.1
1192	24-Feb-16	21:07:15	46	47.1	45.4	64.8	79	79.3	3.9	59.1

1193	24-Feb-16	21:08:15	46	47.1	45	64.8	78	78.6	3.9	59.1
1194	24-Feb-16	21:09:15	46	47	45.3	64.8	77.1	78.4	3.9	59.1
1195	24-Feb-16	21:10:15	47.1	51.8	45.8	65.3	78.5	79	3.9	59
1196	24-Feb-16	21:11:15	46.4	47.2	45.7	65.3	77.9	78.3	3.9	59
1197	24-Feb-16	21:12:15	46.3	47.1	45.6	65	76.9	77.9	3.9	59
1198	24-Feb-16	21:13:15	47.9	51.8	45.9	65.4	79.4	79.7	3.9	59
1199	24-Feb-16	21:14:15	46.2	46.9	45.6	65.2	77.6	79	3.9	59
1200	24-Feb-16	21:15:15	46.2	47.1	45.5	65	78.1	78.6	3.9	58.9
1201	24-Feb-16	21:16:15	46.4	47.1	45.7	65.1	78.6	79.4	3.9	58.9
1202	24-Feb-16	21:17:15	46.6	48	45.9	65.3	78.1	78.7	3.9	58.9
1203	24-Feb-16	21:18:15	46.3	47.4	45.7	65	77.5	78.1	3.9	58.9
1204	24-Feb-16	21:19:15	46.2	46.9	45.5	65	77.8	78.8	3.9	58.9
1205	24-Feb-16	21:20:15	46	47	45.4	64.8	77.4	78.7	3.9	58.9
1206	24-Feb-16	21:21:15	46.5	48	45.5	65	77.6	78.2	3.9	58.8
1207	24-Feb-16	21:22:15	46.2	47.1	45.6	65	77.9	78.1	3.9	58.8
1208	24-Feb-16	21:23:15	46.1	46.9	45.5	64.6	77.6	77.8	3.9	58.8
1209	24-Feb-16	21:24:15	46.2	47.1	45.5	64.8	77.4	77.7	3.9	58.8
1210	24-Feb-16	21:25:15	46.7	47.4	45.7	65.5	78.8	78.7	3.9	58.8
1211	24-Feb-16	21:26:15	46.9	50	45.8	64.9	77.5	78.4	3.9	58.8
1212	24-Feb-16	21:27:15	47.3	52	45.9	65.3	77.7	78.6	3.9	58.8
1213	24-Feb-16	21:28:15	46.5	47.6	46	65.1	77.5	78.1	3.9	58.8
1214	24-Feb-16	21:29:15	46.7	47.3	45.9	65.2	77	78.1	3.9	58.7
1215	24-Feb-16	21:30:15	47.1	49.7	46.1	65.5	77.6	78.3	3.9	58.7
1216	24-Feb-16	21:31:15	46.7	47.6	45.9	65.2	77.4	78.4	3.9	58.7
1217	24-Feb-16	21:32:15	46.3	47	45.7	64.8	78.3	79.3	3.9	58.7
1218	24-Feb-16	21:33:15	46.4	47	45.9	65	77.2	78.5	3.9	58.7
1219	24-Feb-16	21:34:15	46.7	49.2	45.7	65.2	77.8	78.9	3.9	58.7
1220	24-Feb-16	21:35:15	46.3	46.8	45.5	64.8	77.9	78.2	3.9	58.7
1221	24-Feb-16	21:36:15	48.5	51.9	46	66.4	80.1	80.5	3.9	58.7
1222	24-Feb-16	21:37:15	53.9	59.3	46.9	67.5	81.5	82.4	3.9	58.7
1223	24-Feb-16	21:38:15	47.6	49.7	46	66	79.1	79.5	3.9	58.7
1224	24-Feb-16	21:39:15	47.2	51.8	45.8	65.3	78.5	79.4	3.9	58.7
1225	24-Feb-16	21:40:15	46.9	50	45.6	65.2	77.2	78.9	3.9	58.7
1226	24-Feb-16	21:41:15	46.5	47.6	45.7	65	77.4	77.9	3.9	58.7
1227	24-Feb-16	21:42:15	47.1	50.4	46.2	65.4	77.8	78.6	3.9	58.7
1228	24-Feb-16	21:43:15	48	54.1	46.2	65.7	80.3	81.5	3.9	58.7
1229	24-Feb-16	21:44:15	47.6	50.2	46.5	65.4	77.6	79.1	3.9	58.7
1230	24-Feb-16	21:45:15	49.8	56	46.6	66	82.6	83	3.9	58.7
1231	24-Feb-16	21:46:15	47	50.6	46.1	65.3	78.4	79	3.9	58.7
1232	24-Feb-16	21:47:15	46.7	47.7	46	65.2	78.5	78.7	3.9	58.7
1233	24-Feb-16	21:48:15	46.7	47.9	46	65.2	78.7	79.4	3.9	58.7
1234	24-Feb-16	21:49:15	47.6	51.5	46.3	65.7	78.2	78.4	3.9	58.7
1235	24-Feb-16	21:50:15	46.7	47.6	45.8	65.2	79.1	79.2	3.9	58.7
1236	24-Feb-16	21:51:15	47.1	48.7	46.1	65.7	78.4	79.2	3.9	58.7
1237	24-Feb-16	21:52:15	47.4	50.7	46.3	65.5	77.9	78.4	3.9	58.7
1238	24-Feb-16	21:53:15	47.8	51.5	46.3	66.4	79.1	81.1	3.9	58.7
1239	24-Feb-16	21:54:15	47	47.8	46.1	65.4	78.3	79.1	3.9	58.7

1240	24-Feb-16	21:55:15	47.5	51.1	46.1	65.7	80.2	80.3	3.9	58.7
1241	24-Feb-16	21:56:15	47.8	52	46.7	66.2	79.3	80.4	3.9	58.7
1242	24-Feb-16	21:57:15	46.8	47.8	45.9	65.4	77.4	78.6	3.9	58.7
1243	24-Feb-16	21:58:15	48.4	56.5	46.3	65.8	81.8	82.3	3.9	58.7
1244	24-Feb-16	21:59:15	47.1	52.5	45.7	65.5	79.1	79.9	3.9	58.6
1245	24-Feb-16	22:00:15	47.3	52.2	45.7	66.4	82.5	83.3	3.9	58.6
1246	24-Feb-16	22:01:15	46.9	50.8	45.6	65.2	78.2	78.7	3.9	58.6
1247	24-Feb-16	22:02:15	47	53.6	45.8	65.4	78.1	79.2	3.9	58.6
1248	24-Feb-16	22:03:15	46.9	52	45.7	65.2	78.3	79.2	3.9	58.6
1249	24-Feb-16	22:04:15	48.2	54	46.2	65.6	80.2	79.6	3.9	58.6
1250	24-Feb-16	22:05:15	47.2	51.4	45.9	65.3	79.4	80.4	3.9	58.6
1251	24-Feb-16	22:06:15	47	50.3	45.4	65.3	78.1	79.2	3.9	58.5
1252	24-Feb-16	22:07:15	46.8	51	45.7	65.1	77.6	79.4	3.9	58.5
1253	24-Feb-16	22:08:15	46.9	50.1	45.8	65.6	78.4	80.2	3.9	58.5
1254	24-Feb-16	22:09:15	46.4	48.5	45.6	65.2	78	79.1	3.9	58.5
1255	24-Feb-16	22:10:15	49.2	56.6	45.4	66.6	81.6	82.6	3.9	58.5
1256	24-Feb-16	22:11:15	46.5	48.7	45.4	65.5	78.7	79.3	3.9	58.5
1257	24-Feb-16	22:12:15	46.4	47.5	45.2	65.3	79	79.9	3.9	58.5
1258	24-Feb-16	22:13:15	46.9	51.5	45.7	65.2	77.6	78.5	3.9	58.5
1259	24-Feb-16	22:14:15	47.9	54.1	45.2	65.5	78.2	80	3.9	58.5
1260	24-Feb-16	22:15:15	47.2	52.2	45.6	65.6	79.9	81.4	3.9	58.5
1261	24-Feb-16	22:16:15	47.1	51.1	45.5	65.5	79.1	79.3	3.9	58.5
1262	24-Feb-16	22:17:15	46.8	49.7	45.4	65.4	78.3	80.6	3.9	58.5
1263	24-Feb-16	22:18:15	46.8	50.7	45.5	65.4	78.5	79.3	3.9	58.5
1264	24-Feb-16	22:19:15	47.3	51.2	45.4	65.4	79	79.3	3.9	58.5
1265	24-Feb-16	22:20:15	47.9	53.6	45.8	66.1	80	80.8	3.9	58.5
1266	24-Feb-16	22:21:15	51.1	60.3	45.7	67.6	86.5	86.1	3.9	58.6
1267	24-Feb-16	22:22:15	46.3	48.2	45.4	65.4	82.3	82.4	3.9	58.6
1268	24-Feb-16	22:23:15	48.8	57.1	45.4	67.4	87.1	88.6	3.9	58.6
1269	24-Feb-16	22:24:15	47.3	48.3	45.9	65.5	78.1	78.8	3.9	58.6
1270	24-Feb-16	22:25:15	48.2	53.4	45.9	65.8	79.3	80.6	3.9	58.6
1271	24-Feb-16	22:26:15	46.2	48.6	45.3	65.2	78.4	79.2	3.9	58.7
1272	24-Feb-16	22:27:15	47.7	52.5	45.7	65.6	79.3	80.6	3.9	58.7
1273	24-Feb-16	22:28:15	47.6	54.4	45.4	65.6	80.5	80.7	3.9	58.7
1274	24-Feb-16	22:29:15	46	48.4	45.1	64.8	78.7	78.9	3.9	58.7
1275	24-Feb-16	22:30:15	46.1	47.2	45.5	64.9	77.5	78.5	3.9	58.7
1276	24-Feb-16	22:31:15	48.3	55.4	45.7	66.6	85	85.5	3.9	58.7
1277	24-Feb-16	22:32:15	48	54.4	45.3	66.4	84.8	88	3.9	58.7
1278	24-Feb-16	22:33:15	45.9	47.2	45.2	65.1	77.3	78.3	3.9	58.7
1279	24-Feb-16	22:34:15	49.2	57.1	45.4	66.7	82.7	83.3	3.9	58.7
1280	24-Feb-16	22:35:15	46.6	51.8	45.2	65	77.7	77.9	3.9	58.7
1281	24-Feb-16	22:36:15	46.5	51.6	45.4	65.3	78	78.5	3.9	58.8
1282	24-Feb-16	22:37:15	46	48	45.2	65	78.1	79.4	3.9	58.8
1283	24-Feb-16	22:38:15	45.9	47.2	45.1	64.8	78.7	79.2	3.9	58.9
1284	24-Feb-16	22:39:15	47.9	52.6	45.1	65.4	78.9	80.4	3.9	58.9
1285	24-Feb-16	22:40:15	46.6	50.6	45.1	64.9	77.6	79	3.9	58.9
1286	24-Feb-16	22:41:15	47	54	45.4	64.9	78.7	79.9	3.9	59

1287	24-Feb-16	22:42:15	46.8	51.2	45.2	65.1	80.6	81.6	3.9	59.1
1288	24-Feb-16	22:43:15	50.5	62.7	45	67	87.3	87.5	3.9	59.2
1289	24-Feb-16	22:44:15	48.4	61.6	44.9	66.2	83.5	84.2	3.9	59.2
1290	24-Feb-16	22:45:15	46.1	49.8	44.8	65	80.4	81.6	3.9	59.3
1291	24-Feb-16	22:46:15	46.7	50.9	45.2	65.3	77.9	79.2	3.9	59.3
1292	24-Feb-16	22:47:15	47.7	52.9	45.5	65.5	80.4	81.5	3.9	59.4
1293	24-Feb-16	22:48:15	48.4	54.7	45.5	65.7	79.5	80.9	3.9	59.5
1294	24-Feb-16	22:49:15	46.8	51.9	45.4	66.1	82.2	83.2	3.9	59.5
1295	24-Feb-16	22:50:15	46.4	51.8	45.2	65.4	80.2	83.2	3.9	59.6
1296	24-Feb-16	22:51:15	47.4	51.8	45.5	65.6	81.4	81.8	3.9	59.6
1297	24-Feb-16	22:52:15	48.3	53.9	45.4	66	82.1	82	3.9	59.7
1298	24-Feb-16	22:53:15	47.2	53.7	45.2	65.4	78.7	79.1	3.9	59.7
1299	24-Feb-16	22:54:15	47.7	56.8	45.4	65.7	79.4	82	3.9	59.8
1300	24-Feb-16	22:55:15	48.4	51.9	45.4	66.9	84.2	85.1	3.9	59.8
1301	24-Feb-16	22:56:15	48.2	53.5	45.2	66	82.8	84	3.9	59.8
1302	24-Feb-16	22:57:15	47.9	53.1	45.5	65.6	79.5	82.3	3.9	59.9
1303	24-Feb-16	22:58:15	46.9	51.6	45.4	65.6	80.5	83.4	3.9	59.9
1304	24-Feb-16	22:59:15	50.7	58.9	45.9	68.8	88.2	88.6	3.9	59.9
1305	24-Feb-16	23:00:15	48.9	53	45.9	66.7	81.7	82.2	3.9	59.9
1306	24-Feb-16	23:01:15	47.8	50.9	45.3	65.8	80.2	79.8	3.9	60
1307	24-Feb-16	23:02:15	48.4	51.1	46.7	66	79.1	79.8	3.9	60
1308	24-Feb-16	23:03:15	48.3	51.9	46.1	65.9	80.6	81.7	3.9	60
1309	24-Feb-16	23:04:15	49	55.4	46.4	66.4	79.9	80.4	3.9	60.1
1310	24-Feb-16	23:05:15	48.3	51.9	46.2	66.8	81.9	82.7	3.9	60.1
1311	24-Feb-16	23:06:15	50.4	58.1	46.4	67.4	84.4	84.5	3.9	60.3
1312	24-Feb-16	23:07:15	49.8	57.1	46.7	66.5	83.3	82.5	3.9	60.3
1313	24-Feb-16	23:08:15	49.1	54	47.1	66.3	79.8	81.2	3.9	60.4
1314	24-Feb-16	23:09:15	48.3	50.1	46.9	67.3	80.3	82	3.9	60.5
1315	24-Feb-16	23:10:15	49.5	54.4	45.6	66.8	80.5	81.8	3.9	60.5
1316	24-Feb-16	23:11:15	46.9	50.2	45.6	66.7	81.4	82.3	3.9	60.6
1317	24-Feb-16	23:12:15	48.5	54	45.5	65.9	80	81.1	3.9	60.7
1318	24-Feb-16	23:13:15	47.7	55.8	45.4	66	80.7	81.7	3.9	60.8
1319	24-Feb-16	23:14:15	47	52.3	45.6	65.3	77.5	78.4	3.9	60.8
1320	24-Feb-16	23:15:15	47	50.7	45.5	65.8	80.4	80.9	3.9	60.9
1321	24-Feb-16	23:16:15	48.7	52.7	46.2	66.6	80.8	81.8	3.9	61
1322	24-Feb-16	23:17:15	47.6	51.4	45.8	65.7	79.4	80.2	3.9	61.1
1323	24-Feb-16	23:18:15	47.6	50.7	46.2	66.2	80.6	82.1	3.9	61.1
1324	24-Feb-16	23:19:15	48.9	55.9	45.4	67.4	84.4	85.7	3.9	61.2
1325	24-Feb-16	23:20:15	48.2	51.9	45.6	66	79.7	80.8	3.9	61.3
1326	24-Feb-16	23:21:15	47.3	51.2	45.9	65.7	81.9	82.5	3.9	61.3
1327	24-Feb-16	23:22:15	48.5	52.5	45.2	67.5	82.4	83.1	3.9	61.3
1328	24-Feb-16	23:23:15	47.6	51.5	45.6	66.1	79.2	81.5	3.9	61.4
1329	24-Feb-16	23:24:15	49.6	57.3	43.8	69.5	87.6	88.4	3.9	61.5
1330	24-Feb-16	23:25:15	46.7	51.9	41.6	64.4	79	79.9	3.9	61.5
1331	24-Feb-16	23:26:15	46.6	54.2	40	62.6	77.6	79.4	3.9	61.5
1332	24-Feb-16	23:27:15	46.9	59.7	39.6	63.7	84.9	85.3	3.9	61.5
1333	24-Feb-16	23:28:15	48.1	61.4	40	63.9	87	86.9	3.9	61.5

1334	24-Feb-16	23:29:15	43.6	47.6	40.4	60.9	77.5	78.4	3.9	61.6
1335	24-Feb-16	23:30:15	46.6	52.6	41.6	62.7	78.3	78.9	3.9	61.6
1336	24-Feb-16	23:31:15	47.9	54.6	42.2	62.8	78.6	79.2	3.9	61.6
1337	24-Feb-16	23:32:15	63	75.2	41.8	67.1	88.2	88.2	3.9	61.7
1338	24-Feb-16	23:33:15	50.5	57.9	48.1	66.2	84.7	85	3.9	61.8
1339	24-Feb-16	23:34:15	49.7	54.4	43.4	64.2	81	82.9	3.9	61.8
1340	24-Feb-16	23:35:15	52.9	56.9	51.2	67.3	81.7	82.1	3.9	61.9
1341	24-Feb-16	23:36:15	52.5	55.9	51.2	67.6	86.6	87.4	3.9	61.9
1342	24-Feb-16	23:37:15	52	53.3	51.2	65.7	79.6	81.7	3.9	62
1343	24-Feb-16	23:38:15	52.7	57.5	51.6	66.1	87.2	87.7	3.9	62.1
1344	24-Feb-16	23:39:15	53.1	58.5	51.4	69.9	91.7	92.3	3.9	62.2
1345	24-Feb-16	23:40:15	53.1	55.5	51.8	67.8	82.1	83.6	3.9	62.3
1346	24-Feb-16	23:41:15	53	56.7	51.5	66.9	83.7	83.4	3.9	62.3
1347	24-Feb-16	23:42:15	52.6	54.9	51.2	66.6	81.5	83.2	3.9	62.5
1348	24-Feb-16	23:43:15	53.2	56.4	51.4	68.3	83.3	83.9	3.9	62.5
1349	24-Feb-16	23:44:15	52.7	54.3	51.8	66.9	80.4	81.5	3.9	62.6
1350	24-Feb-16	23:45:15	52.8	54	51.8	66.2	79.7	80.1	3.9	62.7
1351	24-Feb-16	23:46:15	53.1	54.8	52	66.3	80.8	81.8	3.9	62.8
1352	24-Feb-16	23:47:15	53	55.5	51.7	67	81.9	81.2	3.9	62.9
1353	24-Feb-16	23:48:15	53.1	54.5	51.9	66.4	79.6	80.3	3.9	63
1354	24-Feb-16	23:49:15	52.9	54.3	51.9	66.7	82.9	85.7	3.9	63.1
1355	24-Feb-16	23:50:15	55.6	61.3	52.4	71.1	87.5	87.7	3.9	63.2
1356	24-Feb-16	23:51:15	54.2	57.5	51.9	68.9	82.7	83.4	3.9	63.3
1357	24-Feb-16	23:52:15	57.5	65.4	51.7	67	82.9	86.4	3.9	63.4
1358	24-Feb-16	23:53:15	53.9	64.2	51.8	66.2	81	82	3.9	63.6
1359	24-Feb-16	23:54:15	54.8	65.3	51.7	66.9	82.9	84.3	3.9	63.6
1360	24-Feb-16	23:55:15	55.1	64.8	52.1	69.3	88.5	91.3	3.9	63.7
1361	24-Feb-16	23:56:15	52.7	64.7	44.4	67.1	86.3	88.8	3.9	63.8
1362	24-Feb-16	23:57:15	50.2	61.9	42.6	64	82.4	85.2	3.9	63.9
1363	24-Feb-16	23:58:15	46.4	50.7	43.4	63.2	79.9	80.6	3.9	63.9
1364	24-Feb-16	23:59:15	49.1	58.2	42.9	64.8	84.3	84.5	3.9	64
1365	25-Feb-16	0:00:15	48.2	55	43.2	66.1	82	83.4	3.9	64
1366	25-Feb-16	0:01:15	47	53.7	43.1	64.2	79.3	80.5	3.9	64
1367	25-Feb-16	0:02:15	45.2	50.3	42.1	62.4	75.3	77	3.9	64.1
1368	25-Feb-16	0:03:15	44.8	50.2	42.3	62.4	79.8	80.3	3.9	64.1
1369	25-Feb-16	0:04:15	61.4	75.2	43.1	67.8	92.5	92.6	3.9	64.1
1370	25-Feb-16	0:05:15	47.4	54.6	41.6	63.3	77.4	81.6	3.9	64.2
1371	25-Feb-16	0:06:15	46.3	49.7	42.2	63.9	78.6	81.6	3.9	64.3
1372	25-Feb-16	0:07:15	52.1	63.5	42.1	68.6	91.2	91.1	3.9	64.3
1373	25-Feb-16	0:08:15	46.6	51.1	40.6	62.4	78.1	78.4	3.9	64.3
1374	25-Feb-16	0:09:15	45	50.4	40.1	62.2	80.8	81.3	3.9	64.4
1375	25-Feb-16	0:10:15	44.7	49.3	39.6	62.6	77.7	79	3.9	64.4
1376	25-Feb-16	0:11:15	43.5	49.7	39.8	60.6	75.9	76	3.9	64.5
1377	25-Feb-16	0:12:15	46.7	53.2	40.9	61.7	78.2	78.7	3.9	64.5
1378	25-Feb-16	0:13:15	45.7	51	41.5	62.6	76.3	77.8	3.9	64.6
1379	25-Feb-16	0:14:15	45.1	52.3	40	61	75.7	77.5	3.9	64.6
1380	25-Feb-16	0:15:15	46	53.5	40.9	65.5	84	84.6	3.9	64.7

1381	25-Feb-16	0:16:15	50.9	60.9	41.1	66.7	86	87	3.9	64.8
1382	25-Feb-16	0:17:15	43.9	52.8	39.3	61.8	79.8	80.3	3.9	64.9
1383	25-Feb-16	0:18:15	43.4	48.3	39	60.8	77.4	78.7	3.9	64.9
1384	25-Feb-16	0:19:15	43.7	49.8	39.6	60	74.5	75.1	3.9	65
1385	25-Feb-16	0:20:15	42.3	48	39.3	59.3	73.8	74.7	3.9	65
1386	25-Feb-16	0:21:15	45.2	52.5	39.7	62.4	80.9	81.6	3.9	65.1
1387	25-Feb-16	0:22:15	46.8	54.3	40.7	64.1	82	82.8	3.9	65.2
1388	25-Feb-16	0:23:15	45.1	54.3	39.2	60.6	78.1	81.4	3.9	65.2
1389	25-Feb-16	0:24:15	45.5	52.5	39.7	61.8	78.5	79.5	3.9	65.3
1390	25-Feb-16	0:25:15	43.6	48.6	39.3	60	75.9	77.5	3.9	65.3
1391	25-Feb-16	0:26:15	44.5	52	39.4	61.7	78.4	82.7	3.9	65.4
1392	25-Feb-16	0:27:15	42.2	48.7	40.1	60	75.6	75.9	3.9	65.4
1393	25-Feb-16	0:28:15	48.4	57.7	41.4	66.3	87.6	88	3.9	65.5
1394	25-Feb-16	0:29:15	46.4	50.3	42.3	63.2	77.2	78.7	3.9	65.5
1395	25-Feb-16	0:30:15	45.7	50.3	41	62.4	76.5	77.9	3.9	65.6
1396	25-Feb-16	0:31:15	57.6	69.4	41.2	70.4	93.1	93	3.9	65.6
1397	25-Feb-16	0:32:15	44.5	54.7	40.2	62.1	82.7	83.6	3.9	65.7
1398	25-Feb-16	0:33:15	43.7	49.9	40	60.8	76.6	76.8	3.9	65.8
1399	25-Feb-16	0:34:15	42.8	46.9	39.6	60	73.5	76.4	3.9	65.9
1400	25-Feb-16	0:35:15	43.2	52.1	39.9	61.4	78.1	78.6	3.9	66
1401	25-Feb-16	0:36:15	42.4	45.8	40.5	60.5	74.8	76.2	3.9	66.1
1402	25-Feb-16	0:37:15	41.9	47.3	39.7	60.1	74.1	76.3	3.9	66.2
1403	25-Feb-16	0:38:15	42.1	49.1	39.4	61	77.2	79.4	3.9	66.2
1404	25-Feb-16	0:39:15	44.8	54.8	39.2	61.7	80.1	83.2	3.9	66.3
1405	25-Feb-16	0:40:15	44.3	50.4	40.4	61.6	79.2	80.7	3.9	66.4
1406	25-Feb-16	0:41:15	45.8	52.3	40.2	63.7	83	83.9	3.9	66.5
1407	25-Feb-16	0:42:15	46.6	54.1	40.3	63	87.9	92	3.9	66.6
1408	25-Feb-16	0:43:15	43.4	48.4	40.4	61	75.4	76.7	3.9	66.7
1409	25-Feb-16	0:44:15	48.2	52.2	42.7	64.4	77.6	78.9	3.9	66.8
1410	25-Feb-16	0:45:15	45.2	50.4	40.6	61.4	77.9	81.7	3.9	66.9
1411	25-Feb-16	0:46:15	47.7	56.1	40.8	66	87.9	88.6	3.9	67
1412	25-Feb-16	0:47:15	46.4	49.9	42.5	64.2	82.7	83.8	3.9	67
1413	25-Feb-16	0:48:15	46.1	50.2	40.1	60.5	75.2	76.4	3.9	67.1
1414	25-Feb-16	0:49:15	43.7	47.9	40.1	61.6	77.4	79	3.9	67.2
1415	25-Feb-16	0:50:15	45.2	50.6	40.2	62.2	79.5	80.1	3.9	67.3
1416	25-Feb-16	0:51:15	43.3	49.4	40.1	61.1	78	78.2	3.9	67.3
1417	25-Feb-16	0:52:15	43.3	49.1	39.6	60.6	78.4	81	3.9	67.4
1418	25-Feb-16	0:53:15	43.4	49.1	38.7	59.9	75.2	75.5	3.9	67.6
1419	25-Feb-16	0:54:15	44.6	52.2	39.6	61.3	77.7	82.2	3.9	67.7
1420	25-Feb-16	0:55:15	48.3	55.2	43	65.1	84.5	84.8	3.9	67.8
1421	25-Feb-16	0:56:15	45.3	50.3	42.8	62	77.4	78.6	3.9	67.9
1422	25-Feb-16	0:57:15	47.7	55.4	42.9	64.4	81.9	82	3.9	68.1
1423	25-Feb-16	0:58:15	48.9	58.2	43.2	63.8	80.9	81.8	3.9	68.2
1424	25-Feb-16	0:59:15	46	54.3	42.6	62	81.3	82.1	3.9	68.3
1425	25-Feb-16	1:00:15	45.6	52.2	42.9	62.7	80.1	80.7	3.9	68.4
1426	25-Feb-16	1:01:15	45.2	50.4	42.9	61.4	77.5	79.3	3.9	68.4
1427	25-Feb-16	1:02:15	44	47.6	43.1	59.3	73.1	76.6	3.9	68.6

1428	25-Feb-16	1:03:15	44	48.7	42.7	59.7	74.8	77.1	3.9	68.7
1429	25-Feb-16	1:04:15	45	49.2	42.7	60.8	79.3	82.8	3.9	68.8
1430	25-Feb-16	1:05:15	43.7	47.2	42.4	59.6	75	76.2	3.9	69
1431	25-Feb-16	1:06:15	43.9	47.1	42.9	59.7	72.6	74	3.9	69.1
1432	25-Feb-16	1:07:15	44.1	46.6	42.9	61	74.7	78.1	3.9	69.2
1433	25-Feb-16	1:08:15	55.2	64.2	43.5	70.1	90	90.5	3.9	69.3
1434	25-Feb-16	1:09:15	45.6	51.5	43	61.4	75.8	78	3.9	69.4
1435	25-Feb-16	1:10:15	45.5	50.2	43.1	63	80	80.6	3.9	69.5
1436	25-Feb-16	1:11:15	51.6	66.2	43.3	64	96.6	97.2	3.9	69.6
1437	25-Feb-16	1:12:15	45.7	50.1	43.4	61.7	79.9	82.4	3.9	69.7
1438	25-Feb-16	1:13:15	47	53.4	43.6	62.3	78.6	80.3	3.9	69.8
1439	25-Feb-16	1:14:15	45.8	50.8	43.2	63.2	79.8	80.7	3.9	69.9
1440	25-Feb-16	1:15:15	44.9	48.5	43.6	60.8	76.4	77.4	3.9	70
1441	25-Feb-16	1:16:15	46.5	50.8	43.7	63.5	81.1	81.6	3.9	70.2
1442	25-Feb-16	1:17:15	44.1	45.7	43.2	61	74.4	76.4	3.9	70.3
1443	25-Feb-16	1:18:15	44.7	49.6	43	60.2	73.8	76.4	3.9	70.4
1444	25-Feb-16	1:19:15	44.5	47.8	43.3	60	78.8	80.4	3.9	70.4
1445	25-Feb-16	1:20:15	45.7	50.5	43.2	60.4	75	77.3	3.9	70.5
1446	25-Feb-16	1:21:15	45.6	50	43.3	61.6	77.2	78.1	3.9	70.7
1447	25-Feb-16	1:22:15	45.7	50.6	43.2	60.6	76.4	76.6	3.9	70.8
1448	25-Feb-16	1:23:15	45.9	50.4	43.4	62.1	75.6	77.1	3.9	70.9
1449	25-Feb-16	1:24:15	46.4	51.6	43.7	61	78.1	79	3.9	71.1
1450	25-Feb-16	1:25:15	46.2	50.1	43.4	61.8	76.9	77.7	3.9	71.3
1451	25-Feb-16	1:26:15	44.3	48.9	42.9	59.7	72.3	74.4	3.9	71.4
1452	25-Feb-16	1:27:15	50.7	61.6	43.3	67	87.2	87.9	3.9	71.5
1453	25-Feb-16	1:28:15	44.9	48	43.7	60.7	79.4	82.1	3.9	71.7
1454	25-Feb-16	1:29:15	44.6	49.2	43.4	59.9	77	78	3.9	71.8
1455	25-Feb-16	1:30:15	45.6	50.7	43.4	61.6	76.8	77.3	3.9	72
1456	25-Feb-16	1:31:15	46.4	53.6	43.5	60.8	77	78	3.9	72.1
1457	25-Feb-16	1:32:15	45.4	52	43.5	60.2	81.4	82	3.9	72.2
1458	25-Feb-16	1:33:15	45.7	54	43.6	61	80.2	80.1	3.9	72.3
1459	25-Feb-16	1:34:15	49	58.3	43.4	64.6	90.1	90.4	3.9	72.5
1460	25-Feb-16	1:35:15	44.1	51	39.4	59.8	77.4	77.5	3.9	72.6
1461	25-Feb-16	1:36:15	45.7	57.6	43.3	59.8	87.5	87.6	3.9	72.7
1462	25-Feb-16	1:37:15	45.6	49.8	43.1	60.3	75.3	76.9	3.9	72.9
1463	25-Feb-16	1:38:15	45.9	49.9	43.4	62.7	77.6	78.5	3.9	73
1464	25-Feb-16	1:39:15	50.2	61.2	43.2	65.3	89.1	89.4	3.9	73.1
1465	25-Feb-16	1:40:15	47.7	58.1	43.1	63.1	82.5	83.6	3.9	73.3
1466	25-Feb-16	1:41:15	47.4	53	43.2	68.1	84.7	85.7	3.9	73.3
1467	25-Feb-16	1:42:15	49.4	58.2	43.6	67.7	87.5	88.2	3.9	73.4
1468	25-Feb-16	1:43:15	46.4	52.5	43.7	62.1	84.7	87.1	3.9	73.6
1469	25-Feb-16	1:44:15	49.2	54.9	44.1	62.4	86.1	88.6	3.9	73.7
1470	25-Feb-16	1:45:15	48.8	53.8	44.2	63.5	79.6	81	3.9	73.8
1471	25-Feb-16	1:46:15	52	62	44.5	66	91.9	91.9	3.9	73.9
1472	25-Feb-16	1:47:15	55.8	68.7	46	69	98.5	98.3	3.9	73.9
1473	25-Feb-16	1:48:15	46	51.2	43.8	62.3	82.2	83.2	3.9	74
1474	25-Feb-16	1:49:15	48.2	53.8	43.6	62.7	81.9	82.2	3.9	74.1

1475	25-Feb-16	1:50:15	55.6	57.9	49.5	69.9	83.2	84.6	3.9	74.3
1476	25-Feb-16	1:51:15	58.1	60.5	56.6	73.1	84.2	85.2	3.9	74.4
1477	25-Feb-16	1:52:15	63.7	68.7	57.5	77.4	98.5	97.8	3.9	74.5
1478	25-Feb-16	1:53:15	63.8	73.6	58.4	75.9	96.3	95.6	3.9	74.6
1479	25-Feb-16	1:54:15	66.3	77.5	60.8	77.5	98.7	98.5	3.9	74.8
1480	25-Feb-16	1:55:35 Stop:Key								
1481	25-Feb-16	1:55:55 Run:Key								
1482	25-Feb-16	1:55:55	53	67.9	40.4	66.1	100.2	100.8	3.9	75
1483	25-Feb-16	1:56:55	54.7	61.8	42	65.8	82.2	83	3.9	75.1
1484	25-Feb-16	1:57:55	61.8	69.5	55.2	70.6	88.9	89.2	3.9	75.3
1485	25-Feb-16	1:58:55	83.7	86.5	69.7	91.2	104.9	105	3.9	75.4
1486	25-Feb-16	1:59:55	81.9	85.5	72.9	89.6	103	103.2	3.9	75.6
1487	25-Feb-16	2:00:55	76.7	84.5	67.8	85	103	103.3	3.9	75.8
1488	25-Feb-16	2:01:55	66.2	70.2	55.1	77.2	91.2	91.3	3.9	75.9
1489	25-Feb-16	2:02:55	51.2	56.6	45.7	64	78.9	79.5	3.9	76.1
1490	25-Feb-16	2:03:55	50.1	55.1	45.3	64.6	80.7	81.3	3.9	76.3
1491	25-Feb-16	2:04:55	47.5	50.7	45.1	63	81.9	85.4	3.9	76.4
1492	25-Feb-16	2:05:55	47.1	49.8	45.4	61.7	77.9	79.2	3.9	76.5
1493	25-Feb-16	2:06:55	46.2	49.9	42.1	62.1	76.7	77.9	3.9	76.7
1494	25-Feb-16	2:07:55	48.7	52.3	41.6	62.3	86.7	89.3	3.9	76.8
1495	25-Feb-16	2:08:55	52.7	55.4	49.2	65.3	78	79.1	3.9	77
1496	25-Feb-16	2:09:55	65.6	71.8	54.4	73.2	90.2	90.5	3.9	77.1
1497	25-Feb-16	2:10:55	52	59.3	41.3	65	80.2	80.3	3.9	77.3
1498	25-Feb-16	2:11:55	52.1	56	47.6	67.1	80.6	81.4	3.9	77.4
1499	25-Feb-16	2:12:55	57.6	65.3	48.9	68	83.6	83.8	3.9	77.6
1500	25-Feb-16	2:13:55	60.1	69.2	40.9	70.2	88.4	88.9	3.9	77.7
1501	25-Feb-16	2:14:55	49.6	58.7	41.2	63.6	87.6	87.9	3.9	77.8
1502	25-Feb-16	2:15:55	46	55	40.6	62.1	82	82.4	3.9	78
1503	25-Feb-16	2:16:55	51.1	64	40.4	66.9	88.6	88.7	3.9	78.2
1504	25-Feb-16	2:17:55	49.4	58.1	42.7	62.8	84.5	85.5	3.9	78.4
1505	25-Feb-16	2:18:55	51.5	61.7	42.8	66.6	96.5	97.4	3.9	78.5
1506	25-Feb-16	2:19:55	44.2	49.9	40.8	61.2	82.3	81	3.9	78.7
1507	25-Feb-16	2:20:55	44.4	51.1	41.3	60.1	74.6	78	3.9	78.9
1508	25-Feb-16	2:21:55	42.4	47.2	40	58.7	75.7	79.9	3.9	79.1
1509	25-Feb-16	2:22:55	45.8	51.7	41.4	62	82.8	82.9	3.9	79.2
1510	25-Feb-16	2:23:55	49.1	59.5	42	67.5	90	90	3.9	79.4
1511	25-Feb-16	2:24:55	43.7	47.3	39.6	59.8	82.7	85	3.9	79.5
1512	25-Feb-16	2:25:55	49.2	57.1	41.4	63	86.6	88.2	3.9	79.7
1513	25-Feb-16	2:26:55	49.6	54.9	44.5	64.8	86.1	87.8	3.9	79.8
1514	25-Feb-16	2:27:55	46.6	52.2	43.3	62.5	79	81.5	3.9	79.9
1515	25-Feb-16	2:28:55	45.2	49.8	42.9	60.4	76	79.7	3.9	80.1
1516	25-Feb-16	2:29:55	48	57.8	43	65.4	85.3	85.3	3.9	80.2
1517	25-Feb-16	2:30:55	44.1	47.5	42.7	60.1	76.4	79	3.9	80.4
1518	25-Feb-16	2:31:55	44.5	49	43.2	59.6	81.7	85.5	3.9	80.5
1519	25-Feb-16	2:32:55	45.4	52	43.5	60	79	80.9	3.9	80.6
1520	25-Feb-16	2:33:55	44.7	48.9	43.1	60.4	76.3	76.3	3.9	80.8
1521	25-Feb-16	2:34:55	44.2	49	42.5	59.3	75.5	76.2	3.9	80.9

1522	25-Feb-16	2:35:55	46.5	52.5	43.4	60.9	80	80.1	3.9	81.1
1523	25-Feb-16	2:36:55	58.4	67.7	43.4	69	89.7	90.2	3.9	81.3
1524	25-Feb-16	2:37:55	55.4	67.4	46	67.8	88.8	88.7	3.9	81.5
1525	25-Feb-16	2:38:55	48.8	54.9	44.4	66.3	84.2	85.2	3.9	81.6
1526	25-Feb-16	2:39:55	46.4	53.8	43.9	63.8	85.4	85.1	3.9	81.7
1527	25-Feb-16	2:40:55	47.8	54.7	43.7	64.7	87.7	88.3	3.9	81.8
1528	25-Feb-16	2:41:55	60	69.3	44.1	68.2	87.8	87.6	3.9	81.9
1529	25-Feb-16	2:42:55	45.5	50	42.7	61	76.1	77.5	3.9	82
1530	25-Feb-16	2:43:55	45.9	53.8	43.1	61.9	82.2	82.8	3.9	82.2
1531	25-Feb-16	2:44:55	45	50.8	43.5	61.1	77.8	78.1	3.9	82.3
1532	25-Feb-16	2:45:55	46.9	52.9	43.2	62.7	78.6	79.6	3.9	82.4
1533	25-Feb-16	2:46:55	47.6	52.4	43.4	62.2	76.4	78.4	3.9	82.6
1534	25-Feb-16	2:47:55	45.9	51.2	43.8	61.7	79.7	80.7	3.9	82.7
1535	25-Feb-16	2:48:55	46.6	52.5	43.5	62	77.3	78.3	3.9	82.8
1536	25-Feb-16	2:49:55	47.3	53	44.1	62.2	78.4	78.6	3.9	82.9
1537	25-Feb-16	2:50:55	46	51.4	43.6	62.2	82.7	85.4	3.9	83
1538	25-Feb-16	2:51:55	46.7	52.6	43.6	61.1	77.4	79	3.9	83.1
1539	25-Feb-16	2:52:55	54.8	63.2	43.7	70	87.6	89.5	3.9	83.2
1540	25-Feb-16	2:53:55	47.5	51.2	43.6	63.6	79.5	79.9	3.9	83.3
1541	25-Feb-16	2:54:55	44.8	49.8	43.4	60.1	74.7	75.9	3.9	83.4
1542	25-Feb-16	2:55:55	45.2	49.2	43.4	60.5	77.7	79.2	3.9	83.5
1543	25-Feb-16	2:56:55	45.6	49.4	43.4	61	76.6	77.2	3.9	83.7
1544	25-Feb-16	2:57:55	45.4	49	43.6	60.9	75	76	3.9	83.9
1545	25-Feb-16	2:58:55	46.8	51.7	44	62.7	82	85.6	3.9	84
1546	25-Feb-16	2:59:55	50.2	55.1	44.6	64	79.2	79.6	3.9	84.2
1547	25-Feb-16	3:00:55	46	51.1	43.7	61.1	76.4	78.2	3.9	84.3
1548	25-Feb-16	3:01:55	48.7	54.6	43.6	63.5	81.3	81.6	3.9	84.5
1549	25-Feb-16	3:02:55	46.6	53.4	43.5	60.8	77.3	77.9	3.9	84.6
1550	25-Feb-16	3:03:55	46.5	51	43.3	63.9	81.6	82.9	3.9	84.8
1551	25-Feb-16	3:04:55	48.5	53.3	44.9	63.6	78.7	79.9	3.9	85
1552	25-Feb-16	3:05:55	51.6	56.8	44	64.1	81.2	82.9	3.9	85.2
1553	25-Feb-16	3:06:55	43	49.3	40.4	58.8	74.4	74.2	3.9	85.3
1554	25-Feb-16	3:07:55	47.2	53.6	41.4	64.2	84.7	84.9	3.9	85.5
1555	25-Feb-16	3:08:55	49.4	59.6	40	64.4	83.5	83.5	3.9	85.7
1556	25-Feb-16	3:09:55	44.8	50.7	40.4	61	77.7	81.1	3.9	85.9
1557	25-Feb-16	3:10:55	45.9	50.5	41	60.7	76.3	78.7	3.9	86.1
1558	25-Feb-16	3:11:55	44.5	51.8	40.8	60.9	82.5	83.3	3.9	86.2
1559	25-Feb-16	3:12:55	47.6	53.9	41.5	63.4	79.7	80.4	3.9	86.3
1560	25-Feb-16	3:13:55	43.2	49	40.5	59.9	82.1	85.1	3.9	86.5
1561	25-Feb-16	3:14:55	45.2	52.2	40.5	62	82.7	85.4	3.9	86.5
1562	25-Feb-16	3:15:55	48.5	52.3	45.3	62.8	77.9	80.2	3.9	86.6
1563	25-Feb-16	3:17:32 Stop:Key								

Sound Level Meter / RTA Histograms

Translated: 08-Mar-16 18:23:05

SSA Intervals

