

254 Kilburn High Road, London NW6
Noise Assessment





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Noise Assessment

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1 INTRODUCTION

- 1.1 Entran Ltd have been commissioned to undertake a noise survey and assessment for the purposes of a planning application in respect of the proposed development at '254 Kilburn High Road, London NW6'.
- 1.2 The development site is located at 254 Kilburn High Road, Camden. Venice Marble is currently based upon the application site and offers services in the supply and fitting of marble and granite including a cutting facility and ancillary storage. The existing buildings on the application site are in a relatively poor state for the current activities. Consequently, activities in some of the 'Vince Marble buildings' that operate in close proximity to adjacent residential properties have been subject to a number of noise complaints over a number of years even with good management practices in place.
- 1.3 The development site lies behind a row of terrace buildings (mixed retail/residential/public house/bar) with the proposed buildings at least 18 meters behind the rear façade of the terrace block. The application is to clear the site of existing operations and erect a new commercial/residential building. The commercial element will be located at the ground floor with residential above for the next five floors. Please refer to Figure 1.
- 1.4 The purpose of this assessment is to establish the existing noise climate at the site and, if necessary, formulate mitigation measures to protect habitable rooms of the proposed development. Relevant national/local guidance on noise sources is presented in Section 2. Section 3 of this report presents the results of the surveys undertaken for the site. The assessment of noise on the residential aspects of the development is considered in Section 4 together with our recommendations for mitigation. Our conclusions are summarised in Section 5.
- 1.5 This Report is necessarily technical in nature and contains terminology relating to acoustics and noise. Therefore, a glossary together with a brief introduction to the subject of noise has been provided in Appendix A.



2 NOISE ASSESSMENT CRITERIA

National Planning Policy

- 2.1 The National Planning Policy Framework (NPPF) published on March 27th 2012 sets out the Government's economic, environmental and social planning policies for England. It attempts to summarise in a single document all previous national planning policy advice. Taken together, these policies articulate the Government's vision of sustainable development, which should be interpreted and applied locally to meet local aspirations.
- 2.2 The NPPF sets out the Government's requirements for the planning system only to the extent that it is relevant, proportionate and necessary to do so. It provides a framework within which local people and their accountable councils can produce their own distinctive local and neighbourhood plans, which reflect the needs and priorities of their communities.
- 2.3 Under Section 11; Conserving and enhancing the natural environment, the following is stated:

The planning system should contribute to and enhance the natural and local environment by:

preventing both new and existing development from contributing to or being put at unacceptable risk from, or being adversely affected by unacceptable levels of soil, air, water or noise pollution or land instability

- 2.4 The document goes on to state:

Planning policies and decisions should aim to:

- avoid noise from giving rise to significant adverse impacts on health and quality of life as a result of new development;
- mitigate and reduce to a minimum other adverse impacts on health and quality of life arising from noise from new development, including through the use of conditions;
- recognise that development will often create some noise and existing businesses wanting to develop in continuance of their business should not have



unreasonable restrictions put on them because of changes in nearby land uses since they were established; and

- identify and protect areas of tranquillity which have remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason

- 2.5 As stated above, this document makes reference to avoiding noise generation from new developments that would adversely impact on health and quality of life. It effectively supersedes Planning Policy Guidance (PPG) 24, but does not set absolute criteria. As a result, the guidance and criteria in other relevant documents have been adopted, as a point of specific reference.
- 2.6 The guidance from the WHO (Vol. 2, Issue 1, 1995 and Guidelines for Community Noise, 1999) is that in order to avoid sleep disturbance the period noise level (L_{Aeq}) should not exceed 30 dB internally and individual noise events should not exceed 45 dB L_{Amax} . Section 3.4 of the WHO Guidelines, states that for good sleeping conditions, indoor noise levels should not exceed approximately 45 dB L_{Amax} more than 10-15 times/night. In order to assess internal noise levels, WHO guidance suggests facade insulation levels of about 15 dB(A) where windows are partially open.
- 2.7 The latest WHO guidelines (Night Noise Guidelines for Europe, 2009) are applicable to Member States of the European Region and represent an extension to, as well as an update of, the previous WHO Guidelines for Community Noise. Based on the scientific evidence on thresholds of night noise exposure indicated by $L_{night, outside}$ as defined in the Environmental Noise Directive (2002/49/EC), the latest WHO guidance recommends an $L_{night, outside}$ of 40 dB as a target for the night noise guideline (NNG) to protect the public, including the most vulnerable groups such as children, the chronically ill and the elderly. An $L_{night, outside}$ value of 55 dB is recommended as an interim target for countries where the NNG cannot be achieved in the short term for various reasons, and where policy-makers choose to adopt a stepwise approach.
- 2.8 The $L_{night, outside}$ is the A-weighted long-term average sound level determined over all nights of the year, where the night is the 8-hour period between 2300-0700 hours. The target noise level excludes sound reflected from a building facade, therefore, a 3 dB facade correction must also be allowed in the case of measurements or predictions at building facades. The receptor height is



typically 3.8 to 4.2m above ground level, i.e. as applicable first floor bedrooms, but in the case of areas with single storey dwellings a height of not less than 1.5m is applicable.

- 2.9 BS 8233:2014 'Sound insulation and noise reduction for buildings - Code of Practice' similarly recommends a design standard for bedrooms, at night, to be 30 dB L_{Aeq} or a daytime standard to be 35 dB. For the purposes of this assessment, individual noise events should not normally exceed 45 dB L_{Amax} as a reasonable internal standard.
- 2.10 With respect to external noise levels, reference is made to WHO guidance that states "general daytime outdoor noise levels of less than 50-55 dB L_{Aeq} are desirable to prevent any significant community annoyance". Application of a similar limit to external garden areas used for amenity purposes would, therefore, prevent significant community annoyance due to rail noise. In this case, the level of 50-55 dB(A) is a free-field value, i.e. it does not include façade reflection factors.
- 2.11 However, in considering the application of an outdoor criterion of 50-55 dB L_{Aeq} , which is derived from the earlier World Health Organisation (WHO) guidance, it is important to take account of the feasibility of achieving such a level. A recent review of 'Health effect-based noise assessment methods: A review and feasibility study' (NPL Report CMAM 16, 1998) reported the following:

"Perhaps the main weaknesses of both WHO-inspired documents is that they fail to consider the practicality of actually being able to achieve any of the stated guideline values. We know from the most recent national survey of noise exposure carried out in England and Wales (Sargent 93) that around 56% of the population are exposed to daytime noise levels exceeding 55 L_{Aeq} and that around 65% are exposed to night-time noise levels exceeding 45 L_{Aeq} (as measured outside the house in each case). The percentages exposed above the WHO guideline values could not be significantly reduced without drastic action to virtually eliminate road traffic noise and other forms of transportation noise (including public transport) from the vicinity of houses. The social and economic consequences of such action would be likely to be far greater than any environmental advantages of reducing the proportion of the population annoyed by noise. In addition, there is no evidence that anything



other than a small minority of the population exposed at such noise levels find them to be particularly onerous in the context of their daily lives."

- 2.12 Further, it is noted that if amenity areas associated with any development that may be above 55 dB(A), the impact is insignificant compared to the benefit of an amenity space in an urban environment.

The London Replacement Plan - Spatial Development Strategy for Greater London

- 2.13 Strategic Planning in London is the shared responsibility of the Mayor of London, 32 London boroughs and the Corporation of the City of London. The replacement London Plan discusses the need to minimise noise pollution wherever it arises (e.g. transport or development).

The London Borough of Camden

- 2.14 In terms of noise, the local policy (DP28) adopted by the London Borough of Camden is similar to the advice given by the Mayor of London's Spatial Strategy. Policy DP28 also discusses the need to minimise pollution and take into account the ambient noise climate. DP28 advocates the use of PPG24 (now withdrawn) when determining the suitability of a development site. Further DP28 outlines the following guidance:

Table A: Noise levels on residential sites adjoining railways and roads at which planning permission will not be granted

Noise description and location of measurement	Period	Time	Sites adjoining railways	Sites adjoining roads
Noise at 1 metre external to a sensitive façade	Day	0700-1900	74 dB L_{Aeq} -12h	72 dB L_{Aeq} -12h
Noise at 1 metre external to a sensitive façade	Evening	1900-2300	74 dB L_{Aeq} -4h	72 dB L_{Aeq} -4h
Noise at 1 metre external to a sensitive façade	Night	2300-0700	66 dB L_{Aeq} -8h	66 dB L_{Aeq} -8h

Table B: Noise levels on residential streets adjoining railways and roads at and above which attenuation measures will be required

Noise description and location of measurement	Period	Time	Sites adjoining railways	Sites adjoining roads
Noise at 1 metre external to a sensitive façade	Day	0700-1900	65 dB L_{Aeq} -12h	62 dB L_{Aeq} -12h
Noise at 1 metre external to a sensitive façade	Evening	1900-2300	60 dB L_{Aeq} -4h	57 dB L_{Aeq} -4h
Noise at 1 metre external to a sensitive façade	Night	2300-0700	55 dB L_{Aeq} -1h	52 dB L_{Aeq} -1h
Individual noise events several times an hour	Night	2300-0700	>82 dB L_{Amax} (S time weighting)	>82 dB L_{Amax} (S time weighting)

Table C: Vibration levels on residential sites adjoining railways and roads at which planning permission will not be granted

Vibration description and location of measurement	Period	Time	Vibration levels
Vibration inside critical areas such as a hospital operating theatre	Day, evening and night	0000-2400	0.1 VDV ms ^{-1.75}
Vibration inside dwellings	Day and evening	0700-2300	0.2 to 0.4 VDV ms ^{-1.75}
Vibration inside dwellings	Night	2300-0700	0.13 VDV ms ^{-1.75}
Vibration inside offices	Day, evening and night	0000-2400	0.4 VDV ms ^{-1.75}
Vibration inside workshops	Day, evening and night	0000-2400	0.8 VDV ms ^{-1.75}

Where dwellings may be affected by ground-borne regenerated noise internally from, for example, railways or underground trains within tunnels, noise levels within the rooms should not be greater than 35dB(A)_{max}.

/cont



Table D: Noise levels from places of entertainment on adjoining residential sites at which planning permission will not be granted

Noise description and measurement location	Period	Time	Sites adjoining places of entertainment
Noise at 1 metre external to a sensitive façade	Day and evening	0700-2300	L_{Aeq} 5m shall not increase by more than 5dB*
Noise at 1 metre external to a sensitive façade	Night	2300-0700	L_{Aeq} 5m shall not increase by more than 3dB*
Noise inside any living room of any noise sensitive premises, with the windows open or closed	Night	2300-0700	L_{Aeq} 5m (in the 63Hz Octave band measured using the 'fast' time constant) should show no increase in dB*

* As compared to the same measure, from the same position, and over a comparable period, with no entertainment taking place

Table E: Noise levels from plant and machinery at which planning permission will not be granted

Noise description and location of measurement	Period	Time	Noise level
Noise at 1 metre external to a sensitive façade	Day, evening and night	0000-2400	5dB(A) <LA90
Noise that has a distinguishable discrete continuous note (whine, hiss, screech, hum) at 1 metre external to a sensitive façade.	Day, evening and night	0000-2400	10dB(A) <LA90
Noise that has distinct impulses (bangs, clicks, clatters, thumps) at 1 metre external to a sensitive façade.	Day, evening and night	0000-2400	10dB(A) <LA90
Noise at 1 metre external to sensitive façade where LA90>60dB	Day, evening and night	0000-2400	55dB L_{Aeq}



3 ENVIRONMENTAL NOISE MEASUREMENTS

- 3.1 Daytime and night-time noise levels were monitored on 10/13th January 2014. This period includes a weekend period and weekday period in order to take into account the potential noise egress from The Black Lion Inn (bar and hotel) and The Sir Colin Campbell Bar (live Irish Music & Bar). Statistical noise data was gathered at the existing building at the development site. The measurement location is shown on Figure 1.
- 3.2 The purpose of the noise monitoring was to provide sufficient acoustic information to undertake an assessment in accordance with WHO/BS8233/LB Camden criteria and determine the extents of the mitigation measures necessary to satisfy internal noise criteria.
- 3.3 All noise measurements were undertaken by an experienced consultant competent in environmental noise monitoring, and, in accordance with the principles of BS 7445: 2003: *Description and measurement of environmental noise*.
- 3.4 All acoustic measurement equipment used during the noise surveys conformed to Type 1 specification of British Standard 61672: 2003: *Electroacoustics. Sound level meters. Part 1 Specifications*. A full inventory of this equipment is shown in Table 1 below:

Table 3.1: Inventory of Acoustic Measurement Equipment

Item	Make & Model	Serial Number
Sound Level Meter	Larson Davis 824	1309
Preamplifier	PRM902	1812
Microphone	GRAS 40AE	28488
Calibrator	Larson Davis Cal200	3724

- 3.5 The noise measurement equipment used during the surveys were calibrated at the start and end of the measurement period. The calibrator used had itself been calibrated by an accredited calibration laboratory within the twenty-four months preceding the measurements. No significant drift in calibration was found to have occurred on the sound level meter.
- 3.6 The microphone was positioned at a height of 4.5m at the façade of the existing premises. Weather conditions during the survey period were suitable for environmental noise surveys with overcast but dry conditions and a light south-easterly breeze (1m/s).
- 3.7 The summary results of the noise survey are presented below (detailed surveys including octave data is presented graphically in Appendix B). The noise levels were dominated by



distant road traffic noise as well as noise egress from the pubs and retail units that form the terrace block fronting on to Kilburn High Road. There was no perceptible vibration at the application site. Music from the Sir Colin Campbell bar just perceptible at night behind the terrace block as was low level building services noise from some of the retail units.

- 3.8 It is noted that noise from Venice Marble (currently on the application site) is audible during the weekday with noise levels approaching 60 dB $L_{Aeq,T}$ and L_{Amax} levels over 70 dB. Therefore, once the application site is developed for residential purposes, such noise making activities on the application will cease resulting in a less intrusive ambient climate for neighbouring properties.

Table 3.2: Noise Measurement Results

Location	Time Period	L_{Aeq}	Average L_{Amax}	L_{A10}	L_{A90}
		dB			
Location 1, Façade of building facing the terrace block	Friday/Saturday Night	55.9	66.6	58.9	48.6
	Saturday (day)	56.9	68.0	58.7	51.5
	Saturday/Sunday Night	56.2	67.0	58.0	47.7
	Sunday (day)	57.7	68.4	59.1	50.7
	Sunday/Monday Night	56.4	67.4	58.1	46.9
	Monday (day)	59.8	71.0	60.0	52.6
	Average, day	58.3	69.1	59.3	51.6
	Average, night	56.2	67.0	58.3	47.7



4 NOISE ASSESSMENT

- 4.1 The noise measurement data at the development site has been utilised to determine potential noise levels at the façade of the proposed development facing the terrace block fronting Kilburn High Road. Other façade face other noise sensitive premises or the Kilburn Grange Park.
- 4.2 The measured noise levels indicate that the proposed residential units facing the retail units/pub/bar will be experience facade noise levels of 61 dB $L_{Aeq,T}$ during the day and 59 dB $L_{Aeq,T}$ during the night. In order to develop the application site for residential use, mitigation measures will be necessary to reduce both the day and night noise levels. This is consistent with the LB Camden's Policy DP28.
- 4.3 The internal target noise levels that have been adopted for the residential development are that outlined in BS8233:2014 (at night of $L_{Aeq,T}$ 30 dB and the daytime standard of $L_{Aeq,T}$ 35 dB). The internal maximum noise level target from the WHO guidelines in $L_{Amax,f}$ 45 dB.

Mitigation Measures

- 4.4 The mitigation strategy is formulated on the following basis:
- Ensure that internal noise levels comply with WHO/BS8233 criteria.
- 4.5 For internal noise, it has been assumed that the minimum amelioration measure available to an occupant will be to close bedroom windows.
- 4.6 Therefore, in order to assess the acoustic performance of the proposed dwellings, it is appropriate in the first instance to explore the level of protection that will be afforded by the performance of the glazing elements.
- 4.7 In the daytime the windows need to provide $R_w + C_{tr}$ 26 dB and at night need to provide $R_w + C_{tr}$ 29 dB to meet the internal noise targets. For a music noise spectrum ($R_w + C_{tr}$), acoustic double glazing with a specification of 10mm glass, 6mm airgap, 4mm glass will provide a façade sound insulation performance of $R_w + C_{tr}$ 29.
- 4.8 As can be seen from the above, acoustic double glazing would be sufficient to comply with internal WHO/BS8233 criteria. L_{Amax} noise levels will also be within the WHO criterion. As windows will need to remain closed to meet the internal target noise levels an additional



means of ventilation (e.g. passive through the wall ventilation or mechanical ventilation) will be required on the entire elevation facing the retail/pub.

- 4.9 Noise levels on the façade facing Kilburn Grange Park are relatively quiet and therefore thermal double glazing is recommended for that elevation.
- 4.10 Any building services associated with the ground floor commercial properties will need to comply with a BS4142 rating level of 38 dB (i.e. 10 dB below the night-time background noise level).
- 4.11 It is understood that the proposed commercial units will be compatible with residential use of the upper stories and therefore noise egress from the units or any deliveries associated with the units will not cause widespread noise nuisance.

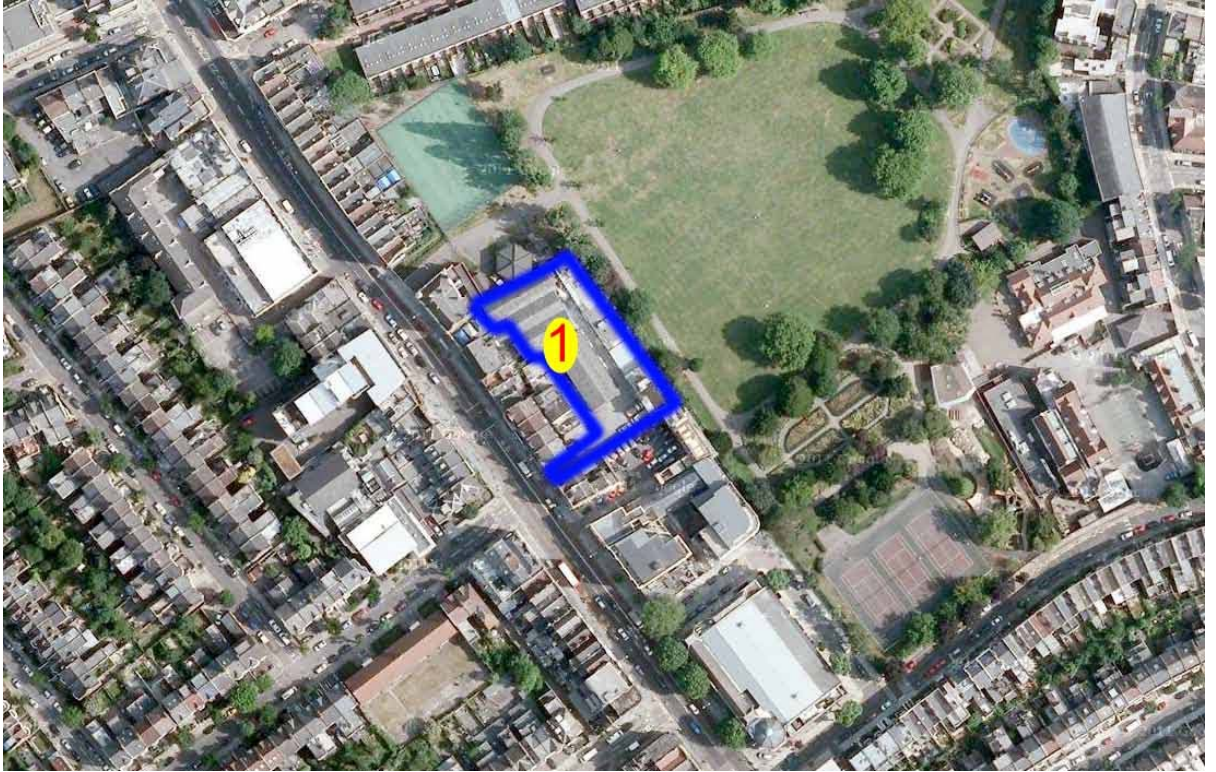


5 CONCLUSIONS

- 5.1 Ambient noise levels have been measured and assessed at 254 Kilburn High Road, London NW6.
- 5.2 The noise assessment indicates that the windows on the elevation facing the existing retail units will need to provide $R_w + C_{tr}$ 29 dB to meet the internal noise targets provided by BS8233:2014/WHO and this would be achieved with glazing as specified in the mitigation section of the report. As windows will need to remain closed to meet the internal target noise levels an additional means of ventilation (e.g. passive through the wall ventilation or mechanical ventilation) will be required.
- 5.3 Based on this assessment and the above mitigation measures, noise does not pose a material constraint to the development of the site.

FIGURES

Figure 1 Noise Monitoring Location





APPENDIX A – INTRODUCTION TO NOISE

In order to assist the understanding of acoustic terminology and the relative change in noise, the following background information is provided.

The human ear can detect a very wide range of pressure fluctuations, which are perceived as sound. In order to express these fluctuations in a manageable way, a logarithmic scale called the decibel, or dB scale is used. The decibel scale typically ranges from 0 dB (the threshold of hearing) to over 120 dB.

The ear is less sensitive to some frequencies than to others. The A-weighting scale is used to approximate the frequency response of the ear. Levels weighted using this scale are commonly identified by the notation dB(A).

A noise impact on a community is deemed to occur when a new noise is introduced that is out of character with the area, or when a significant increase above the pre-existing ambient noise level occurs. For levels of noise that vary with time, it is necessary to employ a statistical index that allows for this variation. These statistical indices are expressed as the sound level that is exceeded for a percentage of the time period of interest.

In the UK, traffic noise is measured as the L_{A10} , the noise level exceeded for 10% of the measurement period. The L_{A90} is the level exceeded for 90% of the time and has been adopted to represent the background noise level in the absence of discrete events. An alternative way of assessing the time varying noise levels is to use the equivalent continuous sound level, L_{Aeq} . This is a notional steady level that would, over a given period of time, deliver the same sound energy as the actual fluctuating sound.

To put these quantities into context, where a receiver is predominantly affected by continuous flows of road traffic, a doubling or halving of the flows would result in a just perceptible change of 3dB, while an increase of more than 25%, or a decrease of more than 20%, in traffic flows represent changes of 1dB in traffic noise levels (assuming no alteration in the mix of traffic or flow speeds).

Note that the time constant and the period of the noise measurement should be specified. For example, BS 4142 specifies background noise measurement periods of 1 hour during the day and 5 minutes during the night. The noise levels are commonly symbolised as $L_{A90(1hour)}$ and $L_{A90(5mins)}$. The noise measurement should be recorded using a 'FAST' time response equivalent to 0.125 ms.



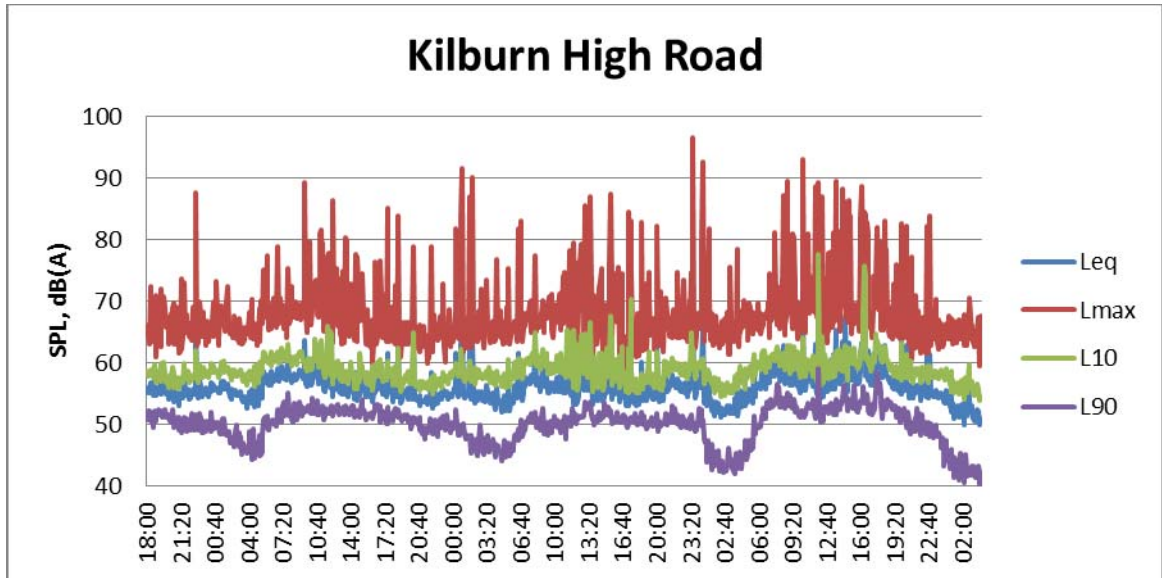
Table A1: Glossary of Terms

Term	Definition
Decibel (dB)	A scale for comparing the ratios of two quantities, including sound pressure and sound power. The difference in level between two sounds s_1 and s_2 is given by $20 \log_{10} (s_1/s_2)$. The decibel can also be used to measure absolute quantities by specifying a reference value that fixes one point on the scale. For sound pressure, the reference value is $20\mu\text{Pa}$.
A-weighting, dB(A)	The unit of sound level, weighted according to the A-scale, which takes into account the increased sensitivity of the human ear at some frequencies.
Noise Level Indices	Noise levels usually fluctuate over time, so it is often necessary to consider an average or statistical noise level. This can be done in several ways, so a number of different noise indices have been defined, according to how the averaging or statistics are carried out.
$L_{eq,T}$	A noise level index called the equivalent continuous noise level over the time period T. This is the level of a notional steady sound that would contain the same amount of sound energy as the actual, possibly fluctuating, sound that was recorded.
$L_{max,T}$	A noise level index defined as the maximum noise level during the period T. L_{max} is sometimes used for the assessment of occasional loud noises, which may have little effect on the overall L_{eq} noise level but will still affect the noise environment. Unless described otherwise, it is measured using the 'fast' sound level meter response.
$L_{90,T}$	A noise level index. The noise level exceeded for 90% of the time over the period T. L_{90} can be considered to be the "average minimum" noise level and is often used to describe the background noise.
Free-Field	Far from the presence of sound reflecting objects (except the ground), usually taken to mean at least 3.5m
Ambient Noise Level	The totally encompassing sound in a given situation at a given time, usually composed of a sound from many sources both distant and near ($L_{Aeq,T}$).
Residual Noise Level	The ambient noise remaining at a given position in a given situation when specified sources are suppressed to a degree such that they do not contribute to the ambient noise level ($L_{Aeq,T}$)
Specific Noise Level	The equivalent continuous A-weighted sound pressure level at the assessment position produced by the specific noise source (the noise source under investigation) over a given time interval ($L_{Aeq,T}$)
Rating Noise Level	The specific noise level plus any adjustment for the characteristic features of the noise ($L_{Ar,Tr}$).



APPENDIX B – NOISE SURVEY DETAILS

Noise Survey Results at Location 1



Octave Data, dB

Date & time	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
10/01/2014 16:36	67.2	60.9	57.7	58.3	57.6	57.1	57.9	55.4
10/01/2014 16:41	66.3	59.9	57.3	56.1	52.9	48.7	44.1	35.2
10/01/2014 16:46	66.8	67	59.8	56.6	55	51.6	45.5	39.3
10/01/2014 16:51	65.1	57.8	55.1	55.7	53.6	51.7	52	44.6
10/01/2014 16:56	67.5	59.5	56.4	55.9	53.4	50.8	46.4	37
10/01/2014 17:01	67.2	58.3	54.5	54	52.2	48.7	40.8	33.4
10/01/2014 17:06	64.6	57.7	54.8	54.6	52.3	49.3	42.5	35
10/01/2014 17:11	63.1	57.1	53.8	52.6	50	47.1	39.5	31.9
10/01/2014 17:16	64.6	59.1	55.5	53.9	52.9	50.5	44.6	39.8
10/01/2014 17:21	64.5	57	53.8	53.4	52.2	48.4	41.2	32.7
10/01/2014 17:26	65	57.8	55	52.3	50.9	48.3	40.7	32
10/01/2014 17:31	66.7	59	55.2	53.8	63.3	63.3	44.5	31.4
10/01/2014 17:36	64.9	58.6	55.3	54.5	53.7	54.5	51.9	44.8
10/01/2014 17:41	63.9	58.8	54.1	51.6	50.4	47.3	39.2	29.6
10/01/2014 17:46	65	59.2	57.8	54	51.1	47.8	39.8	30.1
10/01/2014 17:51	64.6	59.1	55	52.9	51.6	48.4	39.5	30.4
10/01/2014 17:56	64.7	58.5	55.5	53.1	50.9	47.5	39.5	30.3
10/01/2014 18:01	66.2	60	56	52.6	50.9	48.1	41.3	30.2
10/01/2014 18:06	63.2	60.2	53.6	51.7	50.9	47.8	38	27.2
10/01/2014 18:11	65.9	59.6	54.6	51.9	51.4	48.5	40	29.3
10/01/2014 18:16	64.8	59.8	55.6	52.6	51.3	48.1	38.6	29.5
10/01/2014 18:21	66.4	63.7	57.2	54.8	50.7	47.7	39.4	30.1
10/01/2014 18:26	69.4	58.9	56	51.6	50.2	47	41.2	28.6
10/01/2014 18:31	64.6	59.1	55.9	52.7	51.1	47.7	39.2	28.5



10/01/2014 18:36	64.3	57.2	54.5	51.7	50.2	46.9	38.4	29.9
10/01/2014 18:41	64.5	58	54.4	52.8	51.7	48.9	42.4	37.3
10/01/2014 18:46	65.6	59.3	55.1	54.4	52.5	49.6	42.6	36.4
10/01/2014 18:51	64.9	58.6	53.6	51.3	50.1	47.8	45.2	31.1
10/01/2014 18:56	65.2	57.6	53.6	51.7	49.9	47	39.3	29.4
10/01/2014 19:01	64	60.5	57	52.2	50.2	46.5	39.1	29
10/01/2014 19:06	63.4	57.2	54.6	52.4	51.6	48.7	40.9	32.2
10/01/2014 19:11	63.3	58.1	53.8	52.3	51.8	48.6	40.2	30.5
10/01/2014 19:16	63.5	57.4	54.2	52.1	50.8	47.5	40	31.2
10/01/2014 19:21	63.9	57.5	53.1	51.7	50.8	47.3	39.5	30
10/01/2014 19:26	65.1	58.9	55.8	54.1	52.5	50.3	43.5	34.8
10/01/2014 19:31	65.4	61.5	55.5	52.8	51	47.8	40.3	30.9
10/01/2014 19:36	64.1	57.5	54.1	52.9	52.7	49.2	41.6	31.9
10/01/2014 19:41	65.7	59.5	55.1	54.2	52.8	49.5	42.9	35.6
10/01/2014 19:46	63.5	56.9	53.4	54.2	51.3	47.9	38.9	29.6
10/01/2014 19:51	64.6	56.9	54.1	52.1	50.3	47.3	40.9	32.2
10/01/2014 19:56	64.2	58.9	53.7	52.6	50.2	46.8	38.7	28.8
10/01/2014 20:01	63.9	56.9	55	52.2	50.3	47.3	39.7	30.1
10/01/2014 20:06	68.5	64.2	55	51.8	49.3	46.7	40.5	32.5
10/01/2014 20:11	64.3	55.9	52.6	50.6	49.5	46.9	39.8	31.3
10/01/2014 20:16	63.2	55.7	52.5	50.9	50.8	48.1	40.9	33.2
10/01/2014 20:21	65.8	60	54.6	52.1	51.4	48.9	41.5	31.8
10/01/2014 20:26	63.9	56.2	52.8	51.5	50.3	47.5	40.4	31
10/01/2014 20:31	66.1	62	54.3	55.2	52.2	48.2	40.3	30.9
10/01/2014 20:36	62.3	58.5	53	54.7	50.9	47.2	38.7	28.7
10/01/2014 20:41	63.1	56	52.3	50.5	49.3	46.2	38.9	30.5
10/01/2014 20:46	64	56.6	52.4	50.6	49.8	47	40.5	31.6
10/01/2014 20:51	64.6	56.2	52	50.3	49.9	47.4	40.2	31.4
10/01/2014 20:56	64.3	56.7	52.7	50.9	49.7	47.1	40.4	34
10/01/2014 21:01	63.8	55.5	53.4	51.4	50.8	48.1	39.7	30.6
10/01/2014 21:06	61.7	54.7	51.3	49.3	49	46.1	38.1	28.7
10/01/2014 21:11	64.9	56.4	53	51	49.6	46.8	38.8	28.7
10/01/2014 21:16	61.9	56.8	51.9	50.6	50.6	47.7	39.8	30.6
10/01/2014 21:21	63.7	56.7	52.7	51	50.7	48.3	41.2	32.8
10/01/2014 21:26	62.1	56.1	51.4	50.9	50.4	47.2	38.9	29.2
10/01/2014 21:31	62.6	55.5	51.9	50.7	50.3	47.5	38.8	29.5
10/01/2014 21:36	65.2	57.2	53.3	52	51.2	50.3	42.9	36
10/01/2014 21:41	63.3	56.3	52.9	51.5	53	53.2	46.2	34.2
10/01/2014 21:46	62.3	55.3	53.3	52.1	51.1	48.3	39.9	30.2
10/01/2014 21:51	63.4	55.7	52.3	51.2	50.9	48	40.1	30.5
10/01/2014 21:56	62.1	54.5	51.7	50.5	50.7	48	40	30.6
10/01/2014 22:01	62.3	55	53.1	51.8	51.8	49.3	40.9	31.4
10/01/2014 22:06	61.4	56	53.5	52.7	50.8	47.3	39.3	29.4
10/01/2014 22:11	61.8	54.3	52	50.8	49.9	47	38.3	28.9
10/01/2014 22:16	61.3	54.6	51.9	50.6	50.4	47.1	38.1	28.3
10/01/2014 22:21	65.9	55.7	53	51.8	50.7	47.9	40.5	31.9
10/01/2014 22:26	63.4	57.8	53.3	50.8	50.5	48.3	40.7	30.6
10/01/2014 22:31	62.1	55	52.4	52.3	51.8	48.8	40.8	31.3
10/01/2014 22:36	64.1	56.9	53	51.3	50.3	48	41.5	32.3
10/01/2014 22:41	63.3	55.4	52.5	50.4	50.9	48.5	40.8	31.4
10/01/2014 22:46	61.9	54.7	51.7	50.5	51.4	48.5	40.2	30.4
10/01/2014 22:51	62	54.8	51.7	50.4	62.6	62.9	43.2	30.2
10/01/2014 22:56	63.8	55.6	52.2	50.8	50.8	48.5	41.6	31.7
10/01/2014 23:01	62.4	54.5	51.7	50.4	50.1	47.3	40.1	30
10/01/2014 23:06	62.1	54.3	51.1	50.7	50.7	48.4	40.8	31.6



10/01/2014 23:11	63.7	57.8	54.5	53.7	53	50.2	42.3	33
10/01/2014 23:16	63.7	55.7	53.2	51.8	52.3	49.7	42.4	32.9
10/01/2014 23:21	62.7	54.9	51.8	51.1	51.8	49.7	42.5	32.9
10/01/2014 23:26	61.5	55.1	51.1	50	50.5	47.9	40.1	30.7
10/01/2014 23:31	62.5	55.8	53.3	51.1	51	49.1	42.7	33.5
10/01/2014 23:36	61.9	56.6	51.9	51	52	49.5	41.8	32.5
10/01/2014 23:41	63.5	55.6	51.5	50.8	51.5	48.8	41.6	31.7
10/01/2014 23:46	64.1	55	52	51.4	51.9	49.5	42.5	33.5
10/01/2014 23:51	61.8	55.8	51.4	50.3	50.7	48.6	41.5	32.4
10/01/2014 23:56	62.5	54.4	51.6	50.6	51.6	49.6	42.5	33.6
11/01/2014 00:01	62.2	55.1	51.2	50.3	50.7	49.2	43.4	34.2
11/01/2014 00:06	63.9	56.9	52.3	50.2	49.4	48	42.3	33.4
11/01/2014 00:11	63.5	55.4	51.3	50.8	51.3	49.7	43.7	34.4
11/01/2014 00:16	62.4	55.5	51.4	50.4	51	49.2	43.3	34.5
11/01/2014 00:21	63.8	58.6	52.6	51.5	52.2	50.8	45	36.4
11/01/2014 00:26	62.5	55	52.3	51.3	51.9	50.9	45.4	36.6
11/01/2014 00:31	62.3	53.8	52	51.3	51.7	50.7	44.9	36
11/01/2014 00:36	62.1	54.1	51.1	50.8	51.2	49.6	43.5	34.7
11/01/2014 00:41	63.1	53.9	50.7	50.8	51	50.1	44.8	36.2
11/01/2014 00:46	61.1	57.3	52.6	50.7	51.3	50.1	44.8	35.8
11/01/2014 00:51	62.1	53.5	50.5	51.5	51.6	50	43.4	34.3
11/01/2014 00:56	62	53.8	50.1	50.9	51.4	49.8	43.3	34.9
11/01/2014 01:01	61.5	53.7	49.7	50.2	50.5	49.2	43	34.5
11/01/2014 01:06	62.1	53.8	50	49.3	50.4	49.9	44.2	35.6
11/01/2014 01:11	60.6	53.4	50	50.6	50.8	49.3	43.5	35.1
11/01/2014 01:16	61.2	54.4	50.7	51.5	52.3	51.4	46	37.8
11/01/2014 01:21	62.2	54.3	50.1	50.4	51.6	50.7	45.1	36.7
11/01/2014 01:26	61.8	53.7	50.8	51.5	52.4	51.4	45.7	37
11/01/2014 01:31	62.2	53.8	50.9	51.3	52.3	51.5	46	37.2
11/01/2014 01:36	60.3	56.2	49.9	50.1	51.1	50.3	44.4	35.4
11/01/2014 01:41	59.3	52.2	48.8	50.1	52.1	50.7	44.6	35.9
11/01/2014 01:46	59.7	52.7	49.2	50	51.6	50	44.1	35.4
11/01/2014 01:51	62.5	56.4	50.6	54.2	50.7	49.4	45.1	36.8
11/01/2014 01:56	61.1	52.4	52.6	50.4	52.3	50.8	46	38.2
11/01/2014 02:01	60.7	52.2	48.7	49.6	50.6	48.7	45.5	37.4
11/01/2014 02:06	59.9	52.3	49.1	49.6	50.9	49.5	45.9	37.8
11/01/2014 02:11	59.4	51.7	48.5	48.7	50	48.4	45.1	37
11/01/2014 02:16	59.7	53.4	48.7	49.3	49.6	47.6	43.7	35.2
11/01/2014 02:21	59.1	53.1	49.8	50.2	52	49.9	44	34.9
11/01/2014 02:26	59.8	53.2	48.7	49	51	48.4	42.9	34.4
11/01/2014 02:31	62.2	54.4	50.7	50.6	51.6	49.5	43.8	35
11/01/2014 02:36	58.6	52.5	49.6	49.8	50.9	48.6	43.6	35.5
11/01/2014 02:41	60.8	53	49.3	49.7	51.7	49.4	44.1	35.9
11/01/2014 02:46	61.2	51.9	49.4	49.8	51.4	48.8	43.1	34.7
11/01/2014 02:51	60.4	51.9	48.7	49.2	50.7	48.5	44.1	36.6
11/01/2014 02:56	58.1	51.1	47.9	49.1	51	48.4	43.3	36.1
11/01/2014 03:01	61.5	53.4	49.8	49.4	51.2	48.7	44	36.8
11/01/2014 03:06	58.8	52.1	49.6	49.8	50.7	48.6	44	36.3
11/01/2014 03:11	59.9	53.4	49.1	49.6	51.5	49.3	44.3	37
11/01/2014 03:16	58.6	49.8	47.2	48.3	50.4	47.9	43	35.6
11/01/2014 03:21	59.4	50.9	48.2	48.8	50.2	48	42.4	34.7
11/01/2014 03:26	59.9	51.9	49.1	49	49.5	46.8	42.7	35.5
11/01/2014 03:31	59.7	53.1	50	49.8	49.9	47.3	43.4	36
11/01/2014 03:36	58.9	51.9	48.3	48.6	50.8	48.1	42.6	35.1
11/01/2014 03:41	59.7	53	48.5	48.8	49.8	47	42.3	34



11/01/2014 03:46	59.8	52.2	48.2	48.9	50.3	48.4	42.9	39.1
11/01/2014 03:51	57.6	49.5	46.1	46.7	48.5	46.5	42.9	35.5
11/01/2014 03:56	58.9	49.9	47.2	48.6	50.3	47.7	42.4	33.9
11/01/2014 04:01	59.8	52.6	48.7	50	50.8	48.5	43.4	34.6
11/01/2014 04:06	59	53.1	50.2	50.5	51	49.1	44.9	35.8
11/01/2014 04:11	59	50.3	48.9	49.4	50.7	48.8	43.7	35.5
11/01/2014 04:16	60.2	52	49.4	51.9	51.4	49	44.4	36.3
11/01/2014 04:21	58	50.4	47.6	48.2	49.5	47.2	42.6	35.6
11/01/2014 04:26	61.6	53.4	49.8	49.6	50.1	47.9	43.9	37
11/01/2014 04:31	58.1	50.8	47.3	47.2	48.5	46.6	42.7	34.9
11/01/2014 04:36	63	55	49.5	49.5	51.7	49.8	44.4	36.1
11/01/2014 04:41	58.5	51.5	49.6	49.2	50.7	49.4	44.7	36.4
11/01/2014 04:46	58.7	52.7	49.5	50.5	51.9	49.9	45.5	36.8
11/01/2014 04:51	58.7	53.4	47.8	48.8	50.3	48.1	44.3	34.9
11/01/2014 04:56	57.2	49	46.2	47	49.4	47.2	41.7	34.1
11/01/2014 05:01	62	52.8	50.8	50.8	52.3	51.1	45.1	36.4
11/01/2014 05:06	57.1	51.5	49.4	49.8	51.6	49.7	43.4	34.5
11/01/2014 05:11	58.7	51.3	50.1	51.2	50.8	48.8	43.5	35.3
11/01/2014 05:16	56.8	52.7	48.2	48.3	50.1	48.6	42.6	34.5
11/01/2014 05:21	58.8	52.8	52.1	50.5	51.4	50	44.8	36.2
11/01/2014 05:26	64.6	57.8	54.5	53.2	54.4	52.6	47.4	40.1
11/01/2014 05:31	61.9	55.1	51.8	50.5	51.6	51.1	50.3	46.5
11/01/2014 05:36	60.4	54.6	52.9	51.5	52	51.3	50.6	46.9
11/01/2014 05:41	59.3	52.1	50.4	50	51.6	50.2	49.4	45.4
11/01/2014 05:46	63.5	55	52.9	53.6	52.4	50.8	50.3	46.3
11/01/2014 05:51	60.8	52	50.3	50.1	51	49.8	49.8	46.6
11/01/2014 05:56	61.9	54.4	53	51.5	52	50.5	50	45.7
11/01/2014 06:01	61	53.9	52	50.9	51.8	50.8	45.3	37
11/01/2014 06:06	62	53.3	51.3	51.6	52	50.2	50	45.9
11/01/2014 06:11	59.9	52.7	51.9	49.3	50.3	49	49.5	47.1
11/01/2014 06:16	63.3	56.2	53.9	52.9	53.2	51.5	51.2	47.7
11/01/2014 06:21	59.6	53.1	51.3	51.3	53.1	50.9	49.7	47.2
11/01/2014 06:26	60.4	53.6	51.8	49.9	51.3	49.3	50	47.3
11/01/2014 06:31	63.3	58.5	53.7	52.6	53.1	51.6	48.7	44.2
11/01/2014 06:36	61.8	54.5	52.9	51.8	52.3	50.9	50.1	47.3
11/01/2014 06:41	60.5	53.7	53.6	51.7	51.9	50.4	49.2	45.4
11/01/2014 06:46	60.4	55.3	52.9	51.9	52.9	50.5	46.7	42.6
11/01/2014 06:51	66.5	57.7	55.2	54.3	54.2	52.7	48.9	44.1
11/01/2014 06:56	65.6	58.2	56.4	53.2	53.3	51	45	36.1
11/01/2014 07:01	61	56.8	54.3	52.7	52.9	50.2	43.7	34.8
11/01/2014 07:06	63.9	60	56.6	54.7	54.1	51.6	45.8	40.8
11/01/2014 07:11	61.5	56.7	56.1	54.3	52.5	49.3	48.6	45.9
11/01/2014 07:16	64.5	59.3	56.3	54.5	54.6	52.4	50.3	46
11/01/2014 07:21	64.6	58.6	56	54.2	53.5	51.2	50.2	45.7
11/01/2014 07:26	63.8	56.5	54.4	53.1	53.2	51.1	49.9	46.5
11/01/2014 07:31	61.7	57.4	55.2	52.7	52.2	50.2	48.5	44
11/01/2014 07:36	65.2	57.2	55.3	54.2	54.1	51.5	47.3	41.8
11/01/2014 07:41	63	54.9	54.1	52.7	53.4	50.6	47	41.7
11/01/2014 07:46	62.6	55.8	53.8	52.3	52.8	50.1	47.3	42.8
11/01/2014 07:51	64.4	61.3	60	58.2	55.6	53.1	48.7	42.7
11/01/2014 07:56	64.1	56.5	55.4	53.7	53.3	50.6	46.3	40.8
11/01/2014 08:01	64.5	56.4	55.4	53.7	53.6	50.8	45.5	39.5
11/01/2014 08:06	63.8	56.9	55.5	53.7	53.7	51	47	40.8
11/01/2014 08:11	63.6	55.7	53.7	52.1	52.6	49.8	45.6	41.1
11/01/2014 08:16	62.5	56.1	55	53.2	53	50.4	48.5	43.8



11/01/2014 08:21	64.2	59.9	56	53.3	52.7	49.9	45.3	40.6
11/01/2014 08:26	62.3	57.8	55.6	54.5	53.2	50.3	49.2	42.9
11/01/2014 08:31	62.5	58.3	55	54.4	53.5	50.6	48.4	43.2
11/01/2014 08:36	63.5	58.1	57	53.6	52.6	49.5	44.5	38.4
11/01/2014 08:41	66.4	59.4	56.5	54.7	52.3	49.4	44.5	38.5
11/01/2014 08:46	64.5	58.1	55.3	53.8	52.8	50.1	48.5	45.2
11/01/2014 08:51	62.6	58.3	54.3	54.2	52.9	49.8	49.1	44.4
11/01/2014 08:56	62.8	56.3	54.8	53.5	53	50.3	49.9	45
11/01/2014 09:01	64.2	58.2	56.9	54.5	54.1	51.5	48.9	45
11/01/2014 09:06	64.8	57.1	54.7	53.3	53	50.2	51.1	48
11/01/2014 09:11	64.3	57.2	54.7	52.5	52.6	51	51.7	47.2
11/01/2014 09:16	64.8	57.5	57.5	54	52.5	49.7	50.2	45.7
11/01/2014 09:21	65	57.8	54.9	53.4	52.7	50.1	46.7	42.1
11/01/2014 09:26	64.6	57.4	55.3	53.8	52.8	50.4	46.6	41.8
11/01/2014 09:31	65.1	56.7	53.8	52.2	58.2	60.9	42.4	33.1
11/01/2014 09:36	64.5	57.5	54.5	52.9	52.3	49.8	42.4	33.4
11/01/2014 09:41	65.7	58.1	54.6	52.4	51.5	49.3	40.6	31.6
11/01/2014 09:46	64.3	59.2	56.3	53.7	52	49.5	43.7	36.4
11/01/2014 09:51	64	57.2	54.9	53.7	53.1	50.3	49.1	45.1
11/01/2014 09:56	66.2	57.7	55.9	54.2	52.5	50	43.9	36.9
11/01/2014 10:01	65.1	58.1	56.1	55	54.5	53.6	50.8	44.6
11/01/2014 10:06	63.8	56.6	54.6	52.6	52.1	49.5	43.1	36.8
11/01/2014 10:11	64.4	56.5	54.3	52.8	52.5	50.2	43.1	36.3
11/01/2014 10:16	65.3	58.4	56.8	55.1	53	50.2	47.2	41.2
11/01/2014 10:21	63.8	56.7	55.7	53.9	52.6	49.7	48	41.7
11/01/2014 10:26	64.3	58.6	58.6	54	52.5	49.8	48.1	43.5
11/01/2014 10:31	63.1	56.5	56.9	55.2	51.6	48.9	55.1	52.6
11/01/2014 10:36	66.6	58.9	54.6	53.1	52.4	50.2	54.4	49.7
11/01/2014 10:41	64.8	57.8	56.1	53.9	52.4	49.6	50.6	46.4
11/01/2014 10:46	63.5	58.7	59.2	55.5	53.1	50.2	47.9	41.9
11/01/2014 10:51	63.9	57.5	54.7	53.3	52.2	49.4	41.6	36.2
11/01/2014 10:56	66.3	58.8	56.4	53.7	52.1	48.6	42.5	36.5
11/01/2014 11:01	65.7	57.8	55	54	56.3	53.3	49.3	43.9
11/01/2014 11:06	63.5	58.6	56.5	55.4	59.3	57.3	53.8	47.4
11/01/2014 11:11	63.2	56.8	53.7	52.3	52	48.5	53.1	47.6
11/01/2014 11:16	65.3	57.4	54.5	53.1	55.8	54.4	52	44.7
11/01/2014 11:21	64	55.9	53.1	52	51.6	48.2	40.6	37.9
11/01/2014 11:26	64.2	56.1	53.9	51.8	50.8	48	42.9	39.3
11/01/2014 11:31	64	57.4	53.8	52.3	52.2	49.3	51.5	46.8
11/01/2014 11:36	64	55.9	53.7	51.5	51.3	48.2	49.1	44.6
11/01/2014 11:41	64.6	58.6	54.4	53	51.8	49.6	47.3	41.7
11/01/2014 11:46	65.1	58.5	54.1	52	50.4	48.5	58.5	54.4
11/01/2014 11:51	64.6	59.2	54.8	52	51	47.9	55.9	52.3
11/01/2014 11:56	64.7	58	53.8	51.9	51.2	48.9	45.2	40.4
11/01/2014 12:01	64.2	56.8	53.9	51.9	50.8	48.4	57.5	53.4
11/01/2014 12:06	63.9	57.5	55.3	52.8	51.3	48.9	56.6	52.9
11/01/2014 12:11	63.5	56.4	53	51.3	49.9	46.6	40.8	33.3
11/01/2014 12:16	65	57.3	53.7	53.9	53.3	51	44.5	37.3
11/01/2014 12:21	64.7	58.5	54.2	52.6	51	48.2	38.5	27.6
11/01/2014 12:26	65.2	58	55	52.3	51.6	49.1	49.8	32
11/01/2014 12:31	63.7	59.1	56.9	54	53	50.4	40.2	30.8
11/01/2014 12:36	63.4	58	54.3	53.2	53.2	51.4	39.8	31.1
11/01/2014 12:41	65.7	58.2	55.4	54.3	52.8	51	45.1	39.6
11/01/2014 12:46	64	57.5	55.4	53.8	52.1	49.2	39.3	28
11/01/2014 12:51	64.5	58.3	56.2	54.5	51.8	48.4	39.4	28.8



11/01/2014 12:56	62	55.7	53.4	52.8	51.3	47.7	37.9	27.5
11/01/2014 13:01	64.9	55.5	53.8	52	51	47.8	38.8	31.9
11/01/2014 13:06	64.7	56.9	54	52.4	51	47.7	51.4	44.3
11/01/2014 13:11	62.4	55.8	53.1	51.9	50.5	47.5	38.3	30.2
11/01/2014 13:16	65.4	61.1	56	54.5	51.4	47.9	38.6	28.8
11/01/2014 13:21	65.8	57.2	53.1	51.5	50.5	47.4	40.5	30.6
11/01/2014 13:26	63.5	57	54.5	52	50.8	47.7	38.4	27.8
11/01/2014 13:31	65.7	68.4	58.4	53.6	52.2	49.6	46.3	39.9
11/01/2014 13:36	64.6	57.8	54.6	52.9	54	52.2	44.8	39.5
11/01/2014 13:41	64.9	57	55.2	52	50.7	47.5	38.3	32.9
11/01/2014 13:46	63.1	55.8	52.3	50.9	50	46.8	43.6	36.4
11/01/2014 13:51	64.5	58.1	55	53.1	52.3	48.7	39.6	30.3
11/01/2014 13:56	64	57.6	54	51.6	50.7	47.3	40.2	31.5
11/01/2014 14:01	66.4	61.3	59.1	54.5	52.3	49.1	47.9	40
11/01/2014 14:06	64	60.5	55.8	53.3	51.1	47.4	38.6	30.9
11/01/2014 14:11	65.3	59	54.3	53.1	51.9	49.2	39.1	29.3
11/01/2014 14:16	65	58.8	56	53.1	51.3	48	38.7	30.8
11/01/2014 14:21	64.9	57.3	53.7	52.1	50.6	47.4	40.8	34.7
11/01/2014 14:26	64	56.7	53.2	50.9	49.7	46.2	36.4	26.5
11/01/2014 14:31	64.4	57.6	53.2	51.3	55.4	52.7	43.5	31.2
11/01/2014 14:36	64.6	57.3	53.6	50.9	49.2	45.6	37	27.1
11/01/2014 14:41	65.3	59.4	54.5	52.1	51.8	49.2	41.8	35.9
11/01/2014 14:46	63.1	57	54.7	53	49.8	46.5	38.2	28.1
11/01/2014 14:51	65.6	57.2	53.9	51.5	50.1	46.9	39.5	28.9
11/01/2014 14:56	64.5	57.7	55.2	52.5	51.5	49.1	52.1	46.8
11/01/2014 15:01	64	57.3	54	51.8	50.4	47.8	50.1	45.1
11/01/2014 15:06	64.3	59.2	56.1	55.1	53.1	49.9	43	35.5
11/01/2014 15:11	64.8	59	58.2	54.8	52	48.2	40.2	32
11/01/2014 15:16	63.9	57.3	54.2	52.6	52.2	48.4	39	26.6
11/01/2014 15:21	62.8	55.3	53	52	52.2	48.9	38.6	26.1
11/01/2014 15:26	64.2	56.9	53	51.3	51.4	48.2	39.9	29.2
11/01/2014 15:31	62.7	57.7	53.7	51	50.3	46.7	39.8	29.4
11/01/2014 15:36	62.6	56.5	52.6	50.5	50.1	47.6	42.5	30.9
11/01/2014 15:41	64.3	57.2	54.4	52.5	51.6	48.4	42.8	32.9
11/01/2014 15:46	64.4	56.5	54	51.9	50.7	47.9	42.1	30.6
11/01/2014 15:51	65.3	56.7	54.5	52.3	50.5	47	40.9	32.6
11/01/2014 15:56	64.5	56.8	53.7	51.1	49.6	46.3	41.8	35.6
11/01/2014 16:01	64.7	56.8	52.8	51.1	50.1	46.9	43.8	40.7
11/01/2014 16:06	64.6	56.7	54	52.4	50.2	46.9	50.1	45.8
11/01/2014 16:11	63.7	56.9	52.8	50.6	49.2	45.5	40.5	33.3
11/01/2014 16:16	65	57	54.3	52.4	50.6	46.8	40.1	33.2
11/01/2014 16:21	64	57.4	53.9	52.5	51	46.8	40	28.6
11/01/2014 16:26	67.4	65.5	58.6	55.5	52.8	49.6	44	32.7
11/01/2014 16:31	63.6	58.1	54.7	51.8	51.1	47.5	42.9	37.1
11/01/2014 16:36	62.5	56.9	54.4	52.6	51.8	48.1	49	44.6
11/01/2014 16:41	65.6	59.7	55.8	52.9	52	48.1	50	44.9
11/01/2014 16:46	63.4	61.4	56	52.6	52	48	49.7	43.8
11/01/2014 16:51	64.8	63	56.2	52.6	52.9	49.5	49.8	44.4
11/01/2014 16:56	63.5	56.4	54.3	52.1	51	48.5	44.5	35.6
11/01/2014 17:01	66.2	56.9	54.3	53.1	51.3	47.8	49.5	44.4
11/01/2014 17:06	63.5	56.8	53.8	52	50.5	46.6	41.7	34
11/01/2014 17:11	64.3	56.3	54.3	51.7	50.8	47.3	37.1	28.3
11/01/2014 17:16	65.7	59.4	53.9	51.9	50.8	47.3	37	25.9
11/01/2014 17:21	63.7	60.6	55.7	52.3	50.4	46.5	37	26.5
11/01/2014 17:26	65.7	58.5	54.3	52.3	50.7	47.8	37.6	28.6



11/01/2014 17:31	62.9	55.5	53.2	51.4	50.8	46.6	36.5	27.2
11/01/2014 17:36	64.4	58.2	56.3	54.3	56.3	57.4	46.8	33.1
11/01/2014 17:41	63.8	57.1	53.8	52.7	51	47.3	37.9	26.4
11/01/2014 17:46	64.2	57.6	54.5	52.5	51	47.3	37.5	26.3
11/01/2014 17:51	65.6	63.7	55.7	53	51.6	47.4	38.8	28.1
11/01/2014 17:56	64.4	58.9	55.2	53.3	50.9	47	37.1	26.8
11/01/2014 18:01	66.1	59.4	57.4	54.8	51.9	47.8	38.6	30.5
11/01/2014 18:06	64.1	57.9	53.7	51.2	49.3	44.8	35.9	24.8
11/01/2014 18:11	65.7	59.8	54.3	52.6	50.9	46.9	36.6	25.5
11/01/2014 18:16	67	58.6	55.4	52.2	50.9	46.9	37.3	26.5
11/01/2014 18:21	65.8	62.2	60.1	56.2	51.7	48	39.2	27.5
11/01/2014 18:26	63.8	56	54	52.1	50.5	47.2	36.7	25.9
11/01/2014 18:31	64	56.9	53.5	51.9	50.2	46.4	36.9	27.2
11/01/2014 18:36	67.8	60.6	59	56.1	53.8	50.2	45.2	32.3
11/01/2014 18:41	63.7	57.1	54.5	62.4	57.8	53	43.1	30.4
11/01/2014 18:46	64.4	57.9	55.2	52.2	50.3	47	39.6	28.1
11/01/2014 18:51	63.5	55.3	52.2	51.1	49.9	46.6	37.7	24.8
11/01/2014 18:56	65.4	57	53.3	50.8	48.7	45.2	36.5	26.3
11/01/2014 19:01	65.7	57	53	50.9	49.5	46	36.4	25
11/01/2014 19:06	63.9	56.6	54.4	52.1	50.2	46.1	38.1	29
11/01/2014 19:11	63.7	57.4	54.2	51.9	50	46	42.1	31.9
11/01/2014 19:16	64.3	59.5	54.2	52.2	50.9	47	36.9	26.4
11/01/2014 19:21	65	58.4	55.4	52.8	51.1	47.7	38.1	30.4
11/01/2014 19:26	63.9	57.3	54	52.2	51.3	47.6	37.4	25.4
11/01/2014 19:31	65.9	56.2	54.1	52.2	51.1	48	37.8	26.1
11/01/2014 19:36	64.3	58.2	55.3	52.8	50.8	48.8	40.6	34.3
11/01/2014 19:41	63.5	58.2	53.4	51.3	49.7	46.1	37.7	26.7
11/01/2014 19:46	63.4	56.4	53.7	51.7	50.4	46.8	36.9	26.1
11/01/2014 19:51	63.4	58.7	55.4	54.5	50.9	46.4	36	24.1
11/01/2014 19:56	64.5	56.1	53.3	51.2	50.1	46.6	38.4	27.4
11/01/2014 20:01	63.8	56.7	53.5	51.6	50.5	46.9	37.4	29.3
11/01/2014 20:06	64.7	56.7	53.3	51.3	49.6	46.3	37.5	28.7
11/01/2014 20:11	64.8	59	61.4	63.2	58.7	51	41.5	27.8
11/01/2014 20:16	63.9	56.4	52.7	50.9	49.8	46.4	37.3	25.8
11/01/2014 20:21	65	56.2	52.9	51.5	50.4	47.2	37.5	25.4
11/01/2014 20:26	64.7	56	53.2	50.8	49.7	46.2	37	25.8
11/01/2014 20:31	66.1	57.8	52.6	50.9	49.2	45.9	36.6	24.3
11/01/2014 20:36	63	56.3	52.8	51.3	49.6	46	36.1	24.5
11/01/2014 20:41	65.5	58.7	53.9	51.2	49.4	45.9	35.4	24.6
11/01/2014 20:46	64.2	57	53.2	50.9	50.3	47.6	38.3	26.6
11/01/2014 20:51	63.4	56.4	51.9	50	48.7	45.3	37.4	26.9
11/01/2014 20:56	63.3	56.1	52	50.1	49.6	46.9	39	31.6
11/01/2014 21:01	63.1	55.4	52.2	50.5	49.6	46.3	36.5	23.4
11/01/2014 21:06	61.2	53.9	51.2	50.8	50.1	46.6	37.1	25.9
11/01/2014 21:11	63.3	55.4	53.2	50.6	49	46.2	37.2	27.3
11/01/2014 21:16	62.6	54	51.6	50.1	49.8	46.6	36.9	29.1
11/01/2014 21:21	62.8	55.4	52.6	50.2	49.6	46.1	36.2	24.7
11/01/2014 21:26	65.6	57.2	53.1	50.9	50	47	37.6	26.1
11/01/2014 21:31	62.7	56	51.5	49.4	49.1	46.1	35.8	26.1
11/01/2014 21:36	62.6	55.7	53.8	50.6	49.7	46.4	36.5	25
11/01/2014 21:41	63.6	55.1	52.1	50.3	50.3	47.2	36.3	24.8
11/01/2014 21:46	66.8	58.4	52.7	49.9	49.8	46.8	36.8	25.9
11/01/2014 21:51	66.3	57.1	52.3	50.1	48.9	46.7	37.9	27.6
11/01/2014 21:56	63	55.5	52	50.7	54.8	53.3	45	31.3
11/01/2014 22:01	64.2	57.4	51.6	48.9	48	45.1	36	24.7



11/01/2014 22:06	64.2	55.9	52.5	49.5	48	45.2	35.8	26.1
11/01/2014 22:11	63.1	56	52.4	50.6	51.4	50.1	42.7	28.2
11/01/2014 22:16	64.3	57.2	53.3	51	50.2	47.4	40.3	29.8
11/01/2014 22:21	62.6	55.7	50.9	49.3	49.1	46.3	36.1	24.7
11/01/2014 22:26	64.2	55.4	51.8	50.3	49.5	46.9	37.3	26.7
11/01/2014 22:31	63.5	55.7	52.5	49.7	49.3	46.4	36.7	27
11/01/2014 22:36	64	55.4	51.8	50.3	50.3	46.9	36.2	24.2
11/01/2014 22:41	63.5	55.3	51.8	50.5	50.9	47.9	37.2	27.7
11/01/2014 22:46	67	56.8	54.2	51.7	51	47.5	37.4	25.3
11/01/2014 22:51	62.7	54.4	52.5	50.9	51.1	47.8	37.8	29.2
11/01/2014 22:56	65	55.8	53	50.5	50.1	46.5	37.5	27.6
11/01/2014 23:01	63.5	54.9	52.9	51.5	52	48.6	37.3	26.1
11/01/2014 23:06	69.3	55.7	52.8	52.4	51.8	48.6	37.8	27.4
11/01/2014 23:11	64.4	55.3	53.3	51.3	50.5	47.5	37.7	29.1
11/01/2014 23:16	62.3	55.5	52.3	51	50.8	47.7	37.2	26.4
11/01/2014 23:21	63.1	55.4	53.3	51.9	51	47.3	36.9	25.1
11/01/2014 23:26	63.9	55.1	52.9	51.7	51.6	48.1	39.2	27.1
11/01/2014 23:31	62.7	56	52.3	50.6	50.5	47.3	36.1	24
11/01/2014 23:36	63.3	57.9	52.5	50.4	50.1	46.7	36.1	24.2
11/01/2014 23:41	63.1	57.1	53.3	51.5	51	47.7	37.2	26.7
11/01/2014 23:46	63.4	56.8	53.4	51.9	50.9	47.1	36.1	23.9
11/01/2014 23:51	63.4	56.5	53.1	51.7	51.2	47.3	35.9	28.5
11/01/2014 23:56	63.6	56.4	52.6	51.4	50.8	46.8	36.3	26.7
12/01/2014 00:01	63.1	55.9	53.4	52.3	51.1	47.4	37.2	28.3
12/01/2014 00:06	62.6	55.5	52.6	51.9	51.5	47.8	36.3	24.3
12/01/2014 00:11	65.9	55.2	53.7	52.4	52.1	48.7	37.6	26
12/01/2014 00:16	62.3	56.9	53.9	52.5	52	49.1	39.2	27.5
12/01/2014 00:21	63.9	57.7	56	53.4	55.9	57.9	49.9	37.3
12/01/2014 00:26	62.6	55.9	52.5	50.9	53.3	51.2	38.9	25.8
12/01/2014 00:31	62.7	56.3	52.6	51.6	51.7	48.4	37.3	25.9
12/01/2014 00:36	63.5	54.4	51.2	50.2	51	47.8	36.5	26.6
12/01/2014 00:41	63	55	51.5	50.9	52.5	49.3	37.3	24.1
12/01/2014 00:46	62.6	56.9	53.6	51.7	52.3	48.9	36.9	23.9
12/01/2014 00:51	61.5	57	53.9	59.4	60.6	54.5	44.5	32.2
12/01/2014 00:56	61.1	54.3	51.3	52.3	63	60.9	40.4	24.9
12/01/2014 01:01	63.4	55.4	51.1	51.6	51	47.3	36.1	36.6
12/01/2014 01:06	63.5	54.8	52	52	51.3	48.2	38.3	27.4
12/01/2014 01:11	62	53.1	50.5	49.8	51.1	47.5	34.9	22.8
12/01/2014 01:16	62.8	55.6	50.7	50.3	51	47.4	35.6	23.1
12/01/2014 01:21	60.4	53.6	50.6	50.4	52	48.5	35.2	22.8
12/01/2014 01:26	60.1	53	51.1	50.6	51.3	47.6	34.7	22.5
12/01/2014 01:31	63	55	51.5	51.2	51.7	48.4	37	26.3
12/01/2014 01:36	62.8	56.7	51.2	50.5	51.7	48.4	36.6	23.5
12/01/2014 01:41	61	52.6	49.3	55.2	60	54.8	45.2	30.2
12/01/2014 01:46	60.2	52.8	49.5	49.4	51.3	48.3	35.5	22.7
12/01/2014 01:51	61.9	52.4	49.5	49.4	50.8	47.5	34.9	22.5
12/01/2014 01:56	59.5	51.5	49.3	49.4	59.7	59.7	48.6	37.6
12/01/2014 02:01	60.7	52	49.6	49.6	50.9	47.6	39	28.9
12/01/2014 02:06	58.6	51.3	49.2	49.4	51	47.6	41.3	30.5
12/01/2014 02:11	59.5	51.5	49.2	48.7	50.1	46.9	39.1	28.8
12/01/2014 02:16	61.1	55.6	50.1	51	51.3	48.1	40.1	29.6
12/01/2014 02:21	63.1	54.2	50.1	50.8	52.1	48.5	40.2	29.9
12/01/2014 02:26	60.7	53.5	49.8	49.1	50.3	47	39.8	30
12/01/2014 02:31	61.3	58.7	51.6	51.3	51.4	48.4	40.4	30.1
12/01/2014 02:36	61.2	54.1	49.9	49.8	51.1	48.2	40.5	31.4



12/01/2014 02:41	62.6	53.9	50.7	50.5	51.6	48.3	40.7	32.3
12/01/2014 02:46	60.6	53.4	52.1	51.4	51.6	48.6	40.6	30.5
12/01/2014 02:51	61.5	52.9	50.6	49.9	51	47.5	41.1	30.4
12/01/2014 02:56	60.1	53.4	49.6	49.4	50.9	47.5	40.8	35.3
12/01/2014 03:01	59.6	51.9	49.3	49	50.7	46.9	40.6	31.8
12/01/2014 03:06	58.8	52.7	48.7	48.8	50.7	47.4	40.2	30.5
12/01/2014 03:11	62.8	53.8	50.2	50.4	51.1	47.3	41.3	31.9
12/01/2014 03:16	60.5	52.7	48.7	48.9	50.3	46.8	39.5	30.5
12/01/2014 03:21	61.5	55.3	55.8	53.9	52.1	48.5	40.7	32.5
12/01/2014 03:26	60.3	52.7	50	51.4	51.8	48.3	40.7	31.8
12/01/2014 03:31	60.2	53.3	50.4	50.1	50.6	46.7	38.6	29
12/01/2014 03:36	60.3	52.3	49.6	49.9	51.9	48.5	41.5	32.8
12/01/2014 03:41	58.6	51	48.2	48.8	50.4	46.8	40.7	31.2
12/01/2014 03:46	61.1	52.7	49.5	49.3	49.7	46.4	40.5	31.2
12/01/2014 03:51	59.8	51.8	49.3	49.8	51.5	48.1	40.4	30.8
12/01/2014 03:56	60.4	52.1	49.8	50.1	51.8	48.3	40.9	31.3
12/01/2014 04:01	61.3	54.5	50.1	50	51	47.8	40	29.9
12/01/2014 04:06	62.4	52.3	49.4	48.8	49.8	46.2	40.9	31.8
12/01/2014 04:11	58.7	52.5	47.8	47.5	48.9	45.4	40.4	32
12/01/2014 04:16	59.7	51.3	48.7	49	50.8	47.6	40.6	32.5
12/01/2014 04:21	61.4	56.4	57.8	52.6	51.5	47.7	40.9	33.2
12/01/2014 04:26	59.6	51.5	49	49	50.4	46.7	42	33.9
12/01/2014 04:31	57.4	50.8	49	48.5	50.3	46.6	40.3	31.1
12/01/2014 04:36	58.4	50.7	48.4	48.8	50.1	46.8	41.8	33.5
12/01/2014 04:41	58.9	52.8	49.9	49.4	50.1	46.6	41.9	34.3
12/01/2014 04:46	59.9	51.2	48.7	48.5	49.5	46.1	41.3	33.4
12/01/2014 04:51	57.3	49.7	46.9	47.1	48.4	44.7	40.3	31.8
12/01/2014 04:56	60	51.3	49	48.9	50.6	47.2	40.4	32.1
12/01/2014 05:01	60.5	55.6	50	48.7	49.3	46.3	39.4	30
12/01/2014 05:06	60	53.3	50.4	50	51	47.8	41	32.4
12/01/2014 05:11	58.6	51.5	48.8	48.6	50.5	46.8	41.7	33.7
12/01/2014 05:16	58.3	50.9	49.6	47	48.5	45	41.1	32.4
12/01/2014 05:21	59.1	55	50.1	50.5	50.9	47.5	38	27.6
12/01/2014 05:26	62.2	54.6	52.2	50.4	49.8	46.3	40	31.1
12/01/2014 05:31	63.9	62.2	57.1	54.2	52.5	47	40.1	31
12/01/2014 05:36	59.8	52.4	49	47.7	48.5	45	39.7	30.4
12/01/2014 05:41	59.9	51.8	49.6	48.6	50.4	46.4	39	30.4
12/01/2014 05:46	62.1	53.8	49.9	50.3	50.8	47.1	40.1	31.5
12/01/2014 05:51	59.7	51.4	49.2	49	50.8	47.5	40.7	31.4
12/01/2014 05:56	60.3	52.5	49.8	49.4	51	47.5	40.3	30.3
12/01/2014 06:01	58.9	52.1	49.8	49	50.2	46.2	37.1	27.3
12/01/2014 06:06	63.5	58.2	55.6	53.9	52.1	48	40.5	30.1
12/01/2014 06:11	61.7	55.5	54.6	51.8	51.4	47.4	41.4	32.5
12/01/2014 06:16	62.4	52.8	51.8	50.8	51.8	48	40.9	32.1
12/01/2014 06:21	61.8	53.6	51	49.5	51.2	46.8	40.5	31.9
12/01/2014 06:26	61.4	54.5	51.5	51	58.5	56.5	43.5	31.3
12/01/2014 06:31	61.8	55.1	51.9	51.4	52.7	49.5	40.9	31.7
12/01/2014 06:36	62.6	54.2	53.2	51.7	51.2	47.5	38.8	29.5
12/01/2014 06:41	65.3	59.1	56.9	56.4	54.2	52.6	47.1	34.9
12/01/2014 06:46	59.8	52.6	51	50.7	51.9	48.1	40.9	32.2
12/01/2014 06:51	59.5	52.4	50.1	49.3	50.7	46.6	40.2	30.6
12/01/2014 06:56	61.3	53.9	51.2	50.5	51.7	47.7	40.5	31.7
12/01/2014 07:01	61.6	54.1	51.5	51.4	51.6	47.6	49.1	46.2
12/01/2014 07:06	61.8	53.9	51.4	50.5	50.6	46.3	50.1	45.8
12/01/2014 07:11	64	58	53.7	51.4	52.1	48.2	49.8	46.6



12/01/2014 07:16	64.7	54.9	52.3	52.3	52.6	48.8	50.1	46.3
12/01/2014 07:21	63.5	57.7	54.4	52.6	52	48.2	49.3	46.1
12/01/2014 07:26	67.2	55.8	53.8	52.4	52.6	48.8	49.7	45.8
12/01/2014 07:31	61.6	53.5	51.9	51.8	53.1	48.7	49.1	44.5
12/01/2014 07:36	64.6	54.4	53.3	51.4	52	48.2	48	44.7
12/01/2014 07:41	63.9	55.8	53.7	52.5	52.8	48.7	46.8	43.8
12/01/2014 07:46	61.9	58.5	55.5	52.9	53.2	49.1	50.3	46.4
12/01/2014 07:51	60.8	54.8	52	52.1	53.3	49.2	50.9	48.1
12/01/2014 07:56	66	57.8	55.3	54.4	53	48.9	46	40.9
12/01/2014 08:01	62.8	55.9	53	51.5	52.5	48.5	48.7	44.5
12/01/2014 08:06	66.1	64.3	59.4	60	58.5	53.1	49.9	43.6
12/01/2014 08:11	62.8	57	54	52.3	51.7	47.5	47.5	42.8
12/01/2014 08:16	62.6	54.5	53.1	52.7	53	48.8	50.9	46.1
12/01/2014 08:21	63.4	56.1	54.1	52.3	52.2	48.2	50	44.9
12/01/2014 08:26	62.3	56.1	53.2	52.2	52.3	49.1	47.2	42.1
12/01/2014 08:31	63.4	55.9	53.7	51.9	52.7	49	48.5	44.1
12/01/2014 08:36	62.6	54.4	52.1	51.1	51.4	47.2	44.9	39.1
12/01/2014 08:41	64.2	58	54.5	52.6	52.6	48.7	49.6	45.9
12/01/2014 08:46	62.7	57.4	53.7	52.8	53.1	49.4	48.9	43.8
12/01/2014 08:51	67.7	62.9	59.9	56.1	53.9	50.2	48.3	43.3
12/01/2014 08:56	62.8	56.5	54.2	52.1	52.6	48.8	38	29.7
12/01/2014 09:01	62	54.8	53.9	53.1	52.6	48.6	50.5	45.1
12/01/2014 09:06	62.1	53.9	52.7	51.5	52.6	48.8	46.3	42.7
12/01/2014 09:11	65.3	59	56.7	53.6	52.9	49	48.1	43.1
12/01/2014 09:16	63.8	54.4	52.8	52.5	53.3	49.2	48.7	43
12/01/2014 09:21	61.7	54	51.9	50.9	51.6	47.7	42.6	37.8
12/01/2014 09:26	63.5	54.8	52.9	52.1	52.8	48.5	42.8	37.5
12/01/2014 09:31	63.4	54.7	52.2	51.7	51.3	47.5	42.3	35.3
12/01/2014 09:36	64.4	56.6	55.2	53.3	52.7	49.4	42.7	34.8
12/01/2014 09:41	63.7	54.8	52.4	50.9	51.7	48.8	42.4	33
12/01/2014 09:46	63.7	56.7	54.1	52.4	52.5	48.6	41.9	35.1
12/01/2014 09:51	61.2	53.8	51.5	50.3	51.5	47.7	47.3	42.6
12/01/2014 09:56	62.7	56.1	52.8	51.6	52.8	49.7	45.6	40.1
12/01/2014 10:01	64.9	57.1	53.6	51.8	51.3	47.3	41.9	35.4
12/01/2014 10:06	65	56.5	54.7	52.6	51	47	44.8	40.2
12/01/2014 10:11	64.7	58.5	55.6	52.3	51	47.2	44.1	39.3
12/01/2014 10:16	66.8	63.5	58.5	53.8	51.6	47.9	48.4	42.4
12/01/2014 10:21	67.6	63.5	58.5	53.9	51.3	47.4	47.3	42
12/01/2014 10:26	65.4	55.9	53.9	51.4	51.7	48.2	37.8	28.3
12/01/2014 10:31	65.4	59.3	57.5	55.8	53.4	48.1	43.7	35.1
12/01/2014 10:36	63.6	57.2	53.8	51.3	50	45.6	47.9	43.4
12/01/2014 10:41	67.2	64.1	60	56	50.8	46.7	47.5	43.3
12/01/2014 10:46	64.4	59.1	56	54.7	49.8	46.2	39.8	34.5
12/01/2014 10:51	65	56.1	53.2	50.8	50.9	51.6	51.4	44.1
12/01/2014 10:56	64.8	57.9	55.1	52	49.9	46.4	43.1	37.7
12/01/2014 11:01	65.5	58.7	56.2	52	51.9	50.7	43.6	41.1
12/01/2014 11:06	64.2	56.4	56.6	53.7	51.3	47.5	37.5	28.3
12/01/2014 11:11	64.1	57.7	56.3	52.7	50.1	46.7	40.3	35.5
12/01/2014 11:16	68.3	65.5	62.9	60.4	52.2	47	46.8	41.9
12/01/2014 11:21	64.1	57	53.5	52.1	49.5	46.8	48	42.9
12/01/2014 11:26	63.7	56.4	52.5	51.3	49.9	46.5	48.3	43
12/01/2014 11:31	67.7	63	62.6	61.7	57.2	48.9	46.6	41.6
12/01/2014 11:36	64.1	57.6	55.8	54.6	50.8	45.4	43.9	39.3
12/01/2014 11:41	64.9	57.9	55.1	52	49.3	45.4	43.3	38.8
12/01/2014 11:46	64.8	58.7	55.6	54.5	52.4	48.5	45.6	40.5



12/01/2014 11:51	63.7	56.8	54.1	50.5	48.5	44.9	36.8	27.5
12/01/2014 11:56	71	68.4	65.2	64	57.9	48.6	38.2	28.9
12/01/2014 12:01	65.8	61.5	58.6	57.3	52.4	46.6	37.2	28.5
12/01/2014 12:06	65.1	59.7	56.5	54.8	50.5	46.5	40.9	35.2
12/01/2014 12:11	63.7	58.1	53.4	50.1	47.6	43.7	43.5	36.9
12/01/2014 12:16	64	56.7	52.1	50	48.9	46	41.6	34.3
12/01/2014 12:21	63.9	56.4	52.2	50	49.1	46.1	47.1	42.9
12/01/2014 12:26	66.3	61.6	60.6	60.1	56.7	51.2	44.1	38
12/01/2014 12:31	66.1	63.4	60.5	59	53.3	48.5	41.3	33.8
12/01/2014 12:36	66.1	62.5	61.2	60.8	58.5	51.3	49.3	46.1
12/01/2014 12:41	70.7	67.7	64.1	62.3	56.6	48.7	45	40.3
12/01/2014 12:46	66.2	59.9	56.4	54.8	53.2	47.9	39.1	32.3
12/01/2014 12:51	65.4	61	56.1	54.4	51.4	46.7	38.9	31
12/01/2014 12:56	65.2	56.8	54	50.7	50.3	47.3	47	42.4
12/01/2014 13:01	64.7	57.3	54.9	59.5	65.3	52.3	46.5	41.6
12/01/2014 13:06	67.2	62.5	60.5	57.9	54.7	48.5	44.1	39.4
12/01/2014 13:11	66.3	57.3	54	52.2	51	48.1	50.2	45.7
12/01/2014 13:16	65.2	58	54.8	52.7	50.1	47.4	45	40
12/01/2014 13:21	67	62.1	58.9	56.9	54.7	49.3	40.7	34.5
12/01/2014 13:26	64.3	59.5	55.8	53.7	55.1	48.1	46.1	40.5
12/01/2014 13:31	66.3	58	53.8	61.9	67.7	53.9	47.1	39.7
12/01/2014 13:36	67	62	59.1	54.8	52	46.7	46.5	42.7
12/01/2014 13:41	66.1	60.9	59.2	56.1	51.8	46.6	40.6	34.3
12/01/2014 13:46	64.9	56	51.3	49.3	49.4	45.6	37.1	29.6
12/01/2014 13:51	64	59.6	56.5	54.7	52.8	49.4	48	42.7
12/01/2014 13:56	62.9	54.9	51.3	49.5	48.9	45.4	45.4	39.9
12/01/2014 14:01	65.5	59.5	56.3	52.9	50.7	46.4	38	29.9
12/01/2014 14:06	65	60	56.5	52.6	49.7	45.6	37.5	30.3
12/01/2014 14:11	64.3	55	51.6	49.6	49.4	46.3	45.3	40.6
12/01/2014 14:16	63.1	56.1	51.4	50.2	49	45.1	44.1	40.8
12/01/2014 14:21	65.4	60.2	58.3	56	52.5	46.6	37.2	27.7
12/01/2014 14:26	64.5	57.5	57.6	53.8	53.8	52.8	48.1	34.5
12/01/2014 14:31	66	61.6	59	55	51.4	47.1	38.2	31.1
12/01/2014 14:36	69.9	65.2	60.5	57.9	54	47.4	38.2	30.2
12/01/2014 14:41	66	61.3	55.3	52.3	50.5	47.4	39.5	34.8
12/01/2014 14:46	63.8	56.3	51.5	51	49.4	45.4	37.5	28.6
12/01/2014 14:51	63	56	52.5	50.9	50.3	46.8	41.4	36.5
12/01/2014 14:56	64.1	57.3	54	52.3	51.7	47.9	44.2	32.1
12/01/2014 15:01	65.6	59.9	56.5	55.1	52.5	47.6	40.7	37.3
12/01/2014 15:06	63.9	56.3	53.4	51.6	50.8	47.6	41.6	37
12/01/2014 15:11	65	58.6	57.5	57.8	55.1	51.7	43.4	36.8
12/01/2014 15:16	64.4	56.3	52.9	52.1	50	46.3	48.9	44.5
12/01/2014 15:21	63.4	56.3	52.9	51.1	50.5	47.8	53.5	47.1
12/01/2014 15:26	66	61.2	60.6	58.4	54.3	49.6	46.8	40.6
12/01/2014 15:31	64.7	58	57.4	56	63.4	62.3	45.5	30.3
12/01/2014 15:36	68.4	64.5	60.3	57.6	52.9	46.8	36.5	26.7
12/01/2014 15:41	64.3	56.2	52.9	51	49.6	46.5	38.2	29
12/01/2014 15:46	65.5	59.4	58.5	56.5	53.2	48.5	42.1	29.7
12/01/2014 15:51	64.7	56.9	54.3	52.4	50	46.7	39.3	31.2
12/01/2014 15:56	65.3	59	54.1	52.7	49.9	46.1	41.3	50.6
12/01/2014 16:01	68.4	63	58	54.5	51.2	47.2	49.2	44.5
12/01/2014 16:06	65.5	60.2	59.6	54.3	51.7	47.1	47.4	42.3
12/01/2014 16:11	65.6	62.6	53.5	51.2	49.8	46.7	47.5	42.2
12/01/2014 16:16	64.6	57.5	52	49.9	50.4	47.9	50.2	49.9
12/01/2014 16:21	64.1	54.9	52	49	48.6	45.1	45.3	41.2



12/01/2014 16:26	71.4	65.8	62.1	58.4	53.5	47.1	45.8	42.3
12/01/2014 16:31	63.7	56.8	52.5	51	50	46	40.4	31.8
12/01/2014 16:36	70.6	65.8	62	58.6	55	48.8	49.3	45.1
12/01/2014 16:41	63.9	56.8	54.3	50.9	49.3	46.3	50.3	46
12/01/2014 16:46	66.8	58.2	54.1	50.6	48.8	45.8	48.7	45.2
12/01/2014 16:51	64.2	55.8	51.4	49.5	48.8	45.3	49.6	45.5
12/01/2014 16:56	66.8	57.1	53.6	51.3	50.3	47.5	45.6	41.1
12/01/2014 17:01	66.7	55.2	52	49.5	48.8	45.3	39.1	29.7
12/01/2014 17:06	65	57.5	53.5	50.5	49	45.1	38.2	28
12/01/2014 17:11	65.2	58.5	53.2	51	48.5	44.9	38.9	34.5
12/01/2014 17:16	62.6	55.1	51.4	49.7	49	45.4	36.6	26
12/01/2014 17:21	64.3	56.8	52.4	56.7	57.9	56.1	46.7	33
12/01/2014 17:26	64	55.9	52.8	50.1	49.5	46.1	37.1	27.5
12/01/2014 17:31	63.8	55.5	50.3	50	63.3	61.8	43.5	26.8
12/01/2014 17:36	69.4	64.6	59.7	56.1	52.1	46.9	37.4	27.4
12/01/2014 17:41	64.6	57.8	54.7	51.7	49.8	45.8	37.5	34.3
12/01/2014 17:46	62.8	56	53.5	50.8	49	45.5	38	27.8
12/01/2014 17:51	64	55.8	52.1	50.5	48.7	45.7	39.3	33.8
12/01/2014 17:56	63.6	56.6	54.2	51.3	50.2	47.2	37.8	26.5
12/01/2014 18:01	66.4	58.7	54.3	51.5	50.2	46.7	38.3	30.7
12/01/2014 18:06	63.8	57	51.9	49.7	49	45.4	36.6	25.4
12/01/2014 18:11	63.4	55.8	52.6	50.6	49.5	46.4	38.8	30.8
12/01/2014 18:16	64.6	56.4	52.9	49.9	48.7	45.1	37.8	29.4
12/01/2014 18:21	63.7	56.4	52.3	50.4	49.5	45.5	36.9	27.6
12/01/2014 18:26	64.6	57.3	53.3	49.9	49.7	46.6	37.9	27.7
12/01/2014 18:31	64.6	58.8	55.2	52.1	50.3	45.4	36.3	27.6
12/01/2014 18:36	65	58.9	56.7	58.5	54.6	54.3	47	35.3
12/01/2014 18:41	65.5	56.8	53	50.1	49.5	45.8	38.4	32.9
12/01/2014 18:46	67.5	59.7	56.8	53.5	51.3	46.6	37.3	26.7
12/01/2014 18:51	64.3	57.8	55.1	51.9	50.2	46	37.9	30
12/01/2014 18:56	64.5	56.8	52.9	51.4	49.8	47.1	38.5	29.8
12/01/2014 19:01	64.2	58.6	57.5	54.6	51	46	37.3	28.4
12/01/2014 19:06	62.3	55	51.7	50.4	50.3	46.5	36.1	25.2
12/01/2014 19:11	64	57.8	55.2	52.5	51.2	48	38.3	27.1
12/01/2014 19:16	72	67.5	61.8	58.7	53.8	48.2	38.5	27.7
12/01/2014 19:21	65	60.5	57.2	54.8	51.7	46.9	37.8	27.6
12/01/2014 19:26	66.3	58.4	53.6	50.9	50.5	47.7	37.9	28.1
12/01/2014 19:31	65.1	60.3	56.1	53	51	46.8	37.1	26
12/01/2014 19:36	64.4	57.3	53.2	51.2	50.1	47.1	37.9	26.6
12/01/2014 19:41	63.7	61	53.2	50.5	49.6	45.5	37.8	26.3
12/01/2014 19:46	63	54.5	52.1	50.1	50.2	46.6	37.7	27
12/01/2014 19:51	65.4	55.7	52.6	50.1	50	47	37.8	26.7
12/01/2014 19:56	69.5	62.6	53	50.4	49.8	46.1	37.1	27.1
12/01/2014 20:01	65.8	59.2	55.8	53.2	51.3	46.9	38	28.3
12/01/2014 20:06	63.6	55.7	52.9	52.6	62.3	56.8	40	31
12/01/2014 20:11	65.6	58.5	56.4	53.6	50.6	46.3	37.3	26.7
12/01/2014 20:16	64.7	56.3	52.5	50.2	49.3	46	38.9	29.7
12/01/2014 20:21	62.5	54.7	51.1	49.7	50	46.7	37.5	27.7
12/01/2014 20:26	65.3	59.5	57	53	50.5	46	38.3	29.1
12/01/2014 20:31	64	59.6	53.2	50.3	49	46	39	29.8
12/01/2014 20:36	63.8	57.2	53.5	51.3	50.4	46.8	39.4	29.9
12/01/2014 20:41	63.5	55.5	51.9	49.8	49.8	46.9	39.6	31.9
12/01/2014 20:46	65.2	60.3	57.2	55	52.5	49.3	43.5	36.8
12/01/2014 20:51	62.6	56.1	52.1	50.9	51.6	49.5	43.3	35.1
12/01/2014 20:56	64.7	60.9	57.3	53.8	52.4	49.7	44.1	36



12/01/2014 21:01	63.5	57.5	54.7	53	52.9	50.6	44.7	36.2
12/01/2014 21:06	63.5	57.1	52.2	50.7	51.3	48.8	42.5	33.7
12/01/2014 21:11	63.4	55	51.8	50.3	50.9	49.6	43.9	35.5
12/01/2014 21:16	61.6	55.5	51.3	50.5	51.8	50.4	45	37
12/01/2014 21:21	63.5	57.1	52.2	51	51.7	51.2	45.8	38.5
12/01/2014 21:26	63	55.7	52.6	51.2	52.2	51.4	46.1	38.4
12/01/2014 21:31	63	54.6	51.4	51.5	52.1	50.8	45.1	37.3
12/01/2014 21:36	64.9	57.9	53.3	52.8	53	52.4	46.9	38.9
12/01/2014 21:41	62.6	59	52.4	51.1	51.5	50.3	44.6	36.9
12/01/2014 21:46	64.1	56.5	53.2	51.5	52	51.5	45.8	37.4
12/01/2014 21:51	64.3	55.7	52.3	50.8	52	50.9	45.4	37.6
12/01/2014 21:56	63.8	54.5	51.3	50.6	51.3	50.3	45.3	37.9
12/01/2014 22:01	63.9	55	52	50.5	51.2	50.5	45.3	37
12/01/2014 22:06	62.2	56.2	54.4	53.1	52.3	51.3	45.3	36.7
12/01/2014 22:11	64.1	55.5	52.7	51.3	52.6	51.1	45.1	36.5
12/01/2014 22:16	63.6	55.6	52.4	51.7	52.4	50.8	44.1	35
12/01/2014 22:21	63.4	54.9	51.7	50	51.1	50	43.6	34.5
12/01/2014 22:26	63	56.5	52.4	50.5	51.2	49	42.5	33.6
12/01/2014 22:31	63.8	54.1	51.6	50.8	51.6	50	44	35
12/01/2014 22:36	64.1	56.5	55	52.3	51.6	49.6	43.4	34.3
12/01/2014 22:41	62.2	54.9	52.6	52.1	52.1	50.4	43.1	35.2
12/01/2014 22:46	63.9	59.1	55.1	52.2	52.2	50	43.6	34.7
12/01/2014 22:51	63.2	54.6	51.1	50.3	51.2	48.8	41.7	32.2
12/01/2014 22:56	66.3	54.4	51.8	50.5	51	49.4	44.2	37.8
12/01/2014 23:01	60.5	53.6	50.3	49.8	50.8	48.1	40.5	30.9
12/01/2014 23:06	63	61.4	52.3	50.5	51.2	49	42.6	33.6
12/01/2014 23:11	61.2	54.3	51.8	51.2	51.4	48.8	42.1	33.2
12/01/2014 23:16	63.5	55.6	53.4	52.8	52.7	51.4	45.6	37.3
12/01/2014 23:21	62.7	53.7	50.8	50.5	51.5	50.4	44.9	36.2
12/01/2014 23:26	63.1	54.6	51.6	54.7	56.8	56	48.4	37.3
12/01/2014 23:31	62.3	54	51	50.5	51.7	50.9	45.3	37.2
12/01/2014 23:36	62.2	53.1	50.4	51.5	62.3	66.3	45.3	36.1
12/01/2014 23:41	62	55	52.3	50.8	51.3	50	44	35.3
12/01/2014 23:46	62.1	53.8	50.7	49.6	51	49.6	43.8	35.1
12/01/2014 23:51	62.6	54.4	50.1	49.1	49.9	48.5	42.4	33.5
12/01/2014 23:56	61.1	54.2	50.9	49.7	50.8	49.4	43.5	34.8
13/01/2014 00:01	65.5	55.5	52.2	51.3	51.9	51	45.4	37.3
13/01/2014 00:06	65.5	56	53	51.7	52.2	51.2	45.6	37.9
13/01/2014 00:11	64.6	56.5	53.9	52.2	52.6	50.9	44.6	37.1
13/01/2014 00:16	63	56	52.7	52.2	53.3	51.4	44.6	35.9
13/01/2014 00:21	61.9	53.5	52.1	51.2	51.9	49.6	42.4	34.1
13/01/2014 00:26	63.3	55.7	53.8	51.3	52	50.4	44.5	39.7
13/01/2014 00:31	62.6	62.1	56.6	57.3	54.5	50.3	42.9	35.9
13/01/2014 00:36	62.3	54.5	51.3	51.6	60.8	62.2	43.3	35
13/01/2014 00:41	61.4	53.1	49.9	48.8	49.2	47.3	40	31.5
13/01/2014 00:46	61.6	53.7	50.5	50.5	53.1	50.8	41.7	34
13/01/2014 00:51	60.5	51.8	49.2	48.7	49.9	47.7	41.2	36.7
13/01/2014 00:56	61.7	54.2	51.6	52.2	51.4	49	41.2	35.1
13/01/2014 01:01	57.4	51.6	49.1	48.6	49.2	46.5	37.7	30.1
13/01/2014 01:06	58.6	51.1	48.6	48.7	51.6	53.2	44.6	32.1
13/01/2014 01:11	57.4	50.4	48.2	47.6	52.1	54.5	48.9	39.3
13/01/2014 01:16	58.5	52.6	50.5	50.3	51.1	48.4	38.9	31.1
13/01/2014 01:21	58.1	50.2	47.7	48.8	50.7	47.5	36.6	27.3
13/01/2014 01:26	56	48.9	46.2	47.8	49.1	45.6	36.1	26
13/01/2014 01:31	59.6	52.2	48.9	48.8	50.2	47.7	38.4	28.9



13/01/2014 01:36	57.7	50.8	47.6	47	49	46.5	36.2	27.9
13/01/2014 01:41	57.6	50.4	46.9	47.6	47.7	44.5	36.1	27.7
13/01/2014 01:46	60.1	50.3	48.3	48.2	49.6	47	38	29.1
13/01/2014 01:51	59.7	51.1	48.7	49.6	49.8	47.1	39.1	30.4
13/01/2014 01:56	59.3	50.5	47.1	47.5	48.5	45.5	35.7	26.2
13/01/2014 02:01	59.1	50.8	47.6	48.7	49.9	47.5	36.9	26.9
13/01/2014 02:06	56.4	48.7	47	47.9	50	47.7	37.5	27.1
13/01/2014 02:11	61.7	49.9	47	46.4	48.4	45.9	38.6	28.7
13/01/2014 02:16	58.3	50	47.6	47.3	48.7	46.1	41.2	31.8
13/01/2014 02:21	55.6	47.7	45.4	45.3	47.1	44.9	40.7	31.2
13/01/2014 02:26	59.9	52.2	48	47.1	48.8	46.3	39.9	30.7
13/01/2014 02:31	57.9	49.4	47.1	46.7	48.5	46.3	42.7	33.3
13/01/2014 02:36	57.1	49.6	46.1	45.9	47.1	45.3	42.1	33
13/01/2014 02:41	55.9	50.9	48.1	47	47.3	44.7	42	34.2
13/01/2014 02:46	60.8	51.7	47.1	46.3	47.3	44.6	41.1	33.5
13/01/2014 02:51	55.7	48.3	46.3	46.8	48.5	45.8	39.5	31.1
13/01/2014 02:56	58.1	49.8	46.6	48.1	49	46.5	39.8	31.3
13/01/2014 03:01	58.2	51	49.6	49.4	48.7	45.8	42.3	33.8
13/01/2014 03:06	58.9	52.4	50.5	48.2	47.8	44.7	41.6	33.7
13/01/2014 03:11	58.3	50.4	46.5	47.1	47.7	44.7	40.7	34
13/01/2014 03:16	55.4	50.5	49.2	49.6	48.1	46.5	42.3	33.9
13/01/2014 03:21	61.6	50.3	48.1	49	48.7	45.9	41.8	34.3
13/01/2014 03:26	59.5	50.8	47.3	47.6	48.8	46.3	41.1	33
13/01/2014 03:31	55.9	48.9	45.7	45.6	48	45.8	40.6	31.8
13/01/2014 03:36	54.8	47.7	45.7	45.9	48	45.3	41.6	32.8
13/01/2014 03:41	56.1	49.1	46.5	46.8	49.7	46.6	41.6	34.4
13/01/2014 03:46	58.2	50.6	48.9	49.3	50.2	47.9	42.9	34.6
13/01/2014 03:51	55.9	49.8	46.8	47.7	49.4	46.5	40.9	32.6
13/01/2014 03:56	55.5	61.3	55.4	56.7	50.9	47.4	42.9	33.9
13/01/2014 04:01	60.1	50.8	48	46.5	47	44.5	40.4	32.5
13/01/2014 04:06	56.3	49.5	47.4	47.2	49	46.6	41.6	32.5
13/01/2014 04:11	59.2	50.4	48.9	50.6	51.8	49.2	43.3	33.6
13/01/2014 04:16	59.2	51.7	49	49.3	49.7	47.1	41.4	32.2
13/01/2014 04:21	57	50.8	48.5	48.6	48.5	46.3	41.4	32.4
13/01/2014 04:26	58.3	51.9	49.2	48.1	49.1	46.9	40.4	31.7
13/01/2014 04:31	61.2	52.9	52.5	49.5	49.6	47.4	41.4	32.4
13/01/2014 04:36	60	51.5	48.7	49.1	49.3	46.7	40.9	31.7
13/01/2014 04:41	61.2	51.6	48.9	49.5	49.1	46	40.1	31.9
13/01/2014 04:46	59.7	51.4	50	50.8	51.9	49.1	42.8	33.9
13/01/2014 04:51	58.3	50.4	47.3	47.9	49.7	47	41.9	33
13/01/2014 04:56	57.8	52.2	49.1	49.3	50.3	47.5	40.8	32.4
13/01/2014 05:01	59.5	53.1	50.4	49	49.8	47.2	39.9	31
13/01/2014 05:06	60.2	52	51.2	50.6	52	49.4	42.4	34.3
13/01/2014 05:11	60.7	54	50	50.5	51.8	49.2	42.1	33.9
13/01/2014 05:16	59.4	52	50	49.9	51.2	48.4	41.5	33.4
13/01/2014 05:21	60.9	52.4	50.2	49.3	50.6	48	41.5	33.3
13/01/2014 05:26	61.2	51.6	49	48.7	49.6	47.1	41.3	32.5
13/01/2014 05:31	62.2	53.4	50.4	51	51.6	48.6	42.1	32.5
13/01/2014 05:36	63.9	54.8	53.6	53.2	54.3	51.8	44.3	35.5
13/01/2014 05:41	60.6	54.3	51.7	50.2	50.4	47.7	42.6	33.9
13/01/2014 05:46	63.3	54.6	52.5	51.8	52.1	49.7	42.5	33.8
13/01/2014 05:51	63.1	55	51.8	51.6	52.7	50	42.6	33.7
13/01/2014 05:56	62.2	55	52.5	51.5	52.9	50.3	42.3	32.6
13/01/2014 06:01	60.8	54.5	53.1	51.2	52.1	49.6	41.2	31.9
13/01/2014 06:06	63.7	55.9	53.7	53.1	52.5	49.6	42.8	34.3



13/01/2014 06:11	63.2	56.4	54	52.3	52.6	50.2	42.6	33.5
13/01/2014 06:16	63.7	55	52.4	51.4	52	49	42.5	33.1
13/01/2014 06:21	65.4	57	54.2	53.5	54.9	51.9	43.9	34.8
13/01/2014 06:26	65.8	59.5	57.7	55.3	54.2	51.4	43.9	35.2
13/01/2014 06:31	65.7	57.5	54.9	54	54.1	51	44.5	36.2
13/01/2014 06:36	64.9	55.7	53.9	54.6	54.8	51.6	43.1	35.2
13/01/2014 06:41	65.3	58.8	55.1	53.4	53	50.1	43.3	34.3
13/01/2014 06:46	65.3	56.9	54.3	52.5	51.3	48.3	42.5	33.2
13/01/2014 06:51	69.9	59.2	56.9	54.2	52.4	50.1	47.7	43.4
13/01/2014 06:56	66.8	59.4	55.1	53.3	51.8	49.3	49.4	45.5
13/01/2014 07:01	66.3	61.1	55.5	54.2	52.7	50	49.5	45.8
13/01/2014 07:06	66	59.8	54.3	52	50.6	47.8	49.4	46.1
13/01/2014 07:11	69	60	57.1	54.2	52.7	50.6	50.1	46.8
13/01/2014 07:16	66.5	60.5	55.8	53	52	49.5	50.3	46.2
13/01/2014 07:21	66.6	58.2	55.3	53.5	51.6	49.5	50.7	47
13/01/2014 07:26	66.6	61.6	56.2	54.4	53.2	50.8	50.7	45.5
13/01/2014 07:31	66.1	59.1	55.6	53.9	53.1	51.4	50.1	46.2
13/01/2014 07:36	66.4	57.6	54.8	53.2	52.4	50	50.3	45.4
13/01/2014 07:41	67.6	58.3	56.2	55.1	54.5	53.1	50.7	45.8
13/01/2014 07:46	67.7	59.7	56.3	54	53.3	51.5	51.3	45.7
13/01/2014 07:51	66	59.7	56.5	54.6	55.6	52.3	50.9	46.6
13/01/2014 07:56	67.2	59.3	55.8	54.3	55.8	52	43.9	34.9
13/01/2014 08:01	66.6	58.5	56.7	54.9	55.8	52.6	44.9	36.5
13/01/2014 08:06	64.9	57.9	54.8	53.3	53.4	50.1	45.5	40.7
13/01/2014 08:11	64.4	58.8	54.7	53.3	53	49.7	42.9	34.7
13/01/2014 08:16	66.2	60.6	56.5	56	53.7	50.4	44.6	38
13/01/2014 08:21	65	60.9	55.9	55.6	52.6	48.8	48	43.4
13/01/2014 08:26	64.9	57.7	54.9	54.4	53.1	49.9	47.5	44.1
13/01/2014 08:31	64.8	58.2	55	56.3	60.2	55.8	47.8	43.1
13/01/2014 08:36	65.9	57.5	54.7	53.9	52.8	48.3	42.2	36.5
13/01/2014 08:41	65.4	59.7	55.3	53.9	52.2	48.7	40.8	32.4
13/01/2014 08:46	66.7	60	56.7	55.6	54	51.2	44.3	35.3
13/01/2014 08:51	68	62.2	60.3	58.8	57.3	55.6	49.4	42
13/01/2014 08:56	68.8	59.4	56.1	57.3	54.9	54.6	51.3	45.9
13/01/2014 09:01	66	58.7	55.6	55.4	54.1	51.5	49.2	44.1
13/01/2014 09:06	67.8	62.8	57.4	55.9	54.8	54	52	49.4
13/01/2014 09:11	65.6	57.9	54.9	53	50.9	47.9	46.8	41.1
13/01/2014 09:16	67.1	63.8	57.5	53.9	50.8	48.3	42.5	35.2
13/01/2014 09:21	65.7	58.3	54.9	54.5	51.4	48.2	41.7	35.4
13/01/2014 09:26	68.5	62.7	55.6	54.5	52.9	53.8	47.6	45.2
13/01/2014 09:31	66.3	61.6	55.9	54.1	52.3	50.5	54.3	50.3
13/01/2014 09:36	65.5	61.6	55.6	54.3	52.7	49.8	49.7	45.4
13/01/2014 09:41	64.5	56.9	54.7	54.3	52.2	49.6	48.6	44.1
13/01/2014 09:46	67	59.3	56.9	54.7	52.9	51.2	47.7	40.5
13/01/2014 09:51	65.4	58.6	54.4	52.7	51.3	48.5	44.4	38.4
13/01/2014 09:56	66.4	58.9	55	54.8	54.1	53	45.7	35.4
13/01/2014 10:01	64	59.5	54.2	52.4	51.3	49	41.1	31.8
13/01/2014 10:06	64.6	59.4	56.2	52.1	50	47	38.6	30.4
13/01/2014 10:11	65.4	60.7	56.2	52	50	47.3	40.3	32.6
13/01/2014 10:16	63.6	62.2	56.5	53.3	51.4	48.9	40.6	32
13/01/2014 10:21	63.3	58.6	54.9	53.3	50.8	48.6	41.3	34.1
13/01/2014 10:26	65.8	56.6	53.4	56.7	60.8	64.5	48.3	42.8
13/01/2014 10:31	63.9	59.6	53.8	52.2	50.7	48.5	41.5	34.1
13/01/2014 10:36	65.3	56.4	53.4	53.9	50.1	47.6	47.5	43
13/01/2014 10:41	67.4	58.7	53.9	52.9	50.1	48	42.5	35.6



13/01/2014 10:46	67.5	58.2	55.8	53.3	51.4	50.2	46.6	41.8
13/01/2014 10:51	64.7	57.8	55.1	52.2	51.7	50	46.7	43
13/01/2014 10:56	65	57	54	52.8	54.9	55	52.7	42.7
13/01/2014 11:01	63.5	55.9	54	52.5	51.9	50.3	47.8	44.5
13/01/2014 11:06	65.6	59.5	56	53.9	53.1	50.3	43.7	38.3
13/01/2014 11:11	67	60.6	56.4	53.8	52.3	49.5	47.6	39.3
13/01/2014 11:16	66.2	59.1	54.8	53.5	52.1	49.9	45.5	36.4
13/01/2014 11:21	63.8	57.4	54	52.2	51.7	48.9	44	37
13/01/2014 11:26	65.3	57	54.1	53.6	53.6	51.7	50.7	44.8
13/01/2014 11:31	64.9	56.3	53.8	52.9	52.4	50.3	45.8	39
13/01/2014 11:36	64.4	57.7	54.8	52.6	60	57.7	48.3	34.7
13/01/2014 11:41	65.5	56.9	54	53.4	51.7	49.5	43	33.4
13/01/2014 11:46	65.6	57.2	54	52.2	49.6	47.2	40.9	32.5
13/01/2014 11:51	68.1	64.3	60.2	56.4	53.5	48.9	42.3	33.2
13/01/2014 11:56	76	73	73.9	74	68.1	62.4	50.5	34.7
13/01/2014 12:01	68.8	57.8	55	53.7	51.5	48.4	41.6	34.8
13/01/2014 12:06	66.6	58.7	56.3	53.5	51.8	49.5	42.6	35.6
13/01/2014 12:11	66.9	61.4	53.5	50.9	49	46.1	42.2	33.5
13/01/2014 12:16	65.4	59.8	54.9	52.5	62.5	60.2	47.7	38
13/01/2014 12:21	65.3	56.4	52.3	51.1	50.2	47.1	39	30.3
13/01/2014 12:26	66	56.4	52.8	52	50.5	48.5	46.9	39.6
13/01/2014 12:31	65.8	57.7	53.9	53.1	51.2	50.9	51	47.8
13/01/2014 12:36	67.4	66.2	54.7	52.9	50.5	47.8	49.6	45.5
13/01/2014 12:41	66.8	61.2	53.6	51.7	51.2	48.7	41.7	33
13/01/2014 12:46	64.7	56.9	53.3	51.9	50.9	47.9	41.8	35.3
13/01/2014 12:51	65.3	56.2	54.5	52.3	51.8	49.8	42.1	52.3
13/01/2014 12:56	65.5	57.3	52.7	51.2	50.6	48	46.2	42.1
13/01/2014 13:01	66	57.8	55.4	53.1	51.5	49	42.3	36.7
13/01/2014 13:06	66.9	58.2	56.2	53.7	57.1	54.7	47.6	34.4
13/01/2014 13:11	65.1	57.1	53.3	52.4	54.3	50.1	42	33.2
13/01/2014 13:16	65.2	57.4	54.5	52.1	51.3	48.4	41.7	33.3
13/01/2014 13:21	63.5	57.2	53.7	52.2	51.3	49	41.4	33.8
13/01/2014 13:26	65.9	57.8	53.4	51.5	55.5	57.1	52.3	40
13/01/2014 13:31	66.4	58.2	53.7	51.8	51.1	49.1	42.4	36.6
13/01/2014 13:36	67	57.8	65	59.5	58.8	60.1	54.4	44.1
13/01/2014 13:41	65	57.3	54.9	52.9	52	49.4	44.1	35.4
13/01/2014 13:46	63.9	58.1	57.2	54.4	52.4	50.1	43.6	37.9
13/01/2014 13:51	66.4	60.4	56.7	57	54.7	52.3	46	41
13/01/2014 13:56	69.5	59.1	56.2	56.5	55.2	52.6	52.4	49.5
13/01/2014 14:01	66.5	58.7	53.9	52.2	50.8	49.9	46.5	42.1
13/01/2014 14:06	67	59.5	55.1	53.1	51.7	50.1	45.6	40.4
13/01/2014 14:11	68	57.8	55.7	53.6	52.1	50	44.5	37.3
13/01/2014 14:16	67.8	58.6	54.5	53.1	52.2	50.5	45.8	39.7
13/01/2014 14:21	63.9	56.5	59.8	60	58.9	57.2	52.2	45.5
13/01/2014 14:26	65.7	59.3	56.6	54.3	53.9	54	50.5	44.7
13/01/2014 14:31	66.6	60.2	57.7	56.4	53.6	51.5	48.5	42.9
13/01/2014 14:36	67.8	60.6	56.7	60.8	66.1	54.5	48.5	42.3
13/01/2014 14:41	68	61.8	57.4	54	52	50	44.7	36.7
13/01/2014 14:46	65.3	56.4	53	51.6	50.2	48.4	43.9	38.9
13/01/2014 14:51	65.5	58.1	55.1	53.2	53.8	52.1	46.1	35.3
13/01/2014 14:56	66.2	57.9	54.8	53	59.3	58.3	52.3	43.2
13/01/2014 15:01	68.3	58.9	55.6	54.2	53.1	52.4	50.1	44.5
13/01/2014 15:06	64.4	58.4	55.5	54.9	53.5	53	45.1	37.7
13/01/2014 15:11	64.8	57.3	54.6	52.6	51.5	49.1	49.7	44.4
13/01/2014 15:16	65.1	58.6	55.9	53.1	52	50.1	47	40.6



13/01/2014 15:21	66.5	58.5	56.2	54	52.6	50.9	44.5	37.7
13/01/2014 15:26	66	59.2	55.8	56.3	54.5	53.6	49	43.9
13/01/2014 15:31	65	57.1	53.5	52.6	52	51.5	46.3	39.6
13/01/2014 15:36	65.2	57	53.6	52.4	52.1	51.2	45.4	38
13/01/2014 15:41	64.3	57.1	53.9	52.2	52.3	51.5	46.2	38.4
13/01/2014 15:46	64.1	57.2	53.1	52.1	51.8	50.3	45.6	37.6
13/01/2014 15:51	63.6	56.4	53.5	52.3	51.9	50.1	44.4	36.1
13/01/2014 15:56	64.8	57.4	54.1	52.5	51.8	50.3	45.9	38.1
13/01/2014 16:01	64	57.1	54.7	54.9	54.2	52	47.4	38.8
13/01/2014 16:06	63.8	59.7	56.3	57.2	57.9	54.5	50.7	42.7
13/01/2014 16:11	66.4	64.5	60.1	59.3	59.2	55.8	51.5	46.4
13/01/2014 16:16	65.3	58.3	55	56.6	55.5	53	52.8	42.9
13/01/2014 16:21	70.1	61.3	57.1	56	55.5	54.3	62.8	60.7
13/01/2014 16:26	65.3	58.7	54.7	52.9	51.8	53.8	67.9	65.1
13/01/2014 16:31	64.5	58	54.2	52.6	52.4	53.1	66.1	62.4
13/01/2014 16:36	66.2	61	56.8	54.5	52.3	49.8	47.7	41.6
13/01/2014 16:41	65.2	60.1	56	55.2	53.4	53.1	50.6	45.6
13/01/2014 16:46	64.1	59	54.6	52.8	56.3	57.1	53.7	45.5
13/01/2014 16:51	65.1	61.4	53.7	52.4	51.9	49.5	49.1	44.1
13/01/2014 16:56	65.1	60.1	55.7	52.2	52	49.8	45.6	40.2
13/01/2014 17:01	64.7	56.7	53.4	52.4	52.6	50	43.4	34.8
13/01/2014 17:06	64.9	57.2	53.8	52.2	52.2	49.4	42.9	35.3
13/01/2014 17:11	64.3	56.4	53.8	52.4	52.4	49.5	43.1	33.8
13/01/2014 17:16	66.8	62	59	55.6	53.8	51.9	44.2	36.3
13/01/2014 17:21	65.4	58.7	58.1	52.3	52.6	51.2	43.8	36.6
13/01/2014 17:26	64.7	57.5	55.1	53.5	53	51	44.7	37.3
13/01/2014 17:31	64.6	57.4	55.3	55	56.2	56.6	52.8	50
13/01/2014 17:36	66.2	65.6	57.1	54.2	54.2	54.4	49.9	44.6
13/01/2014 17:41	66.1	59	56.4	55.8	57.9	59	53.5	46.5
13/01/2014 17:46	65.2	59.2	55	53.8	54	53.9	48.8	42.9
13/01/2014 17:51	64	57.9	54.8	53.9	54.2	54.2	49.4	44.2
13/01/2014 17:56	66	60.5	57.5	56.1	56.3	57	53.2	48.4
13/01/2014 18:01	65.5	57.9	54.9	54.3	54.1	54	48.1	41.6
13/01/2014 18:06	64.7	58.7	54.7	52.7	52.5	51.6	45.3	37.3
13/01/2014 18:11	64.6	60.8	57.2	54.5	51.9	51	45.1	36.3
13/01/2014 18:16	65.7	60.8	55.2	53.3	53.4	52	45.6	36.5
13/01/2014 18:21	64.6	59.4	54.9	53.2	53.3	51.6	45	36.8
13/01/2014 18:26	65.9	59.7	56.1	54.2	59.7	57.3	49.5	38.7
13/01/2014 18:31	67.2	58.1	54.9	53.3	53.1	51.6	45.5	36.3
13/01/2014 18:36	64.5	60.4	57.2	56.3	53	50.9	44.5	34.7
13/01/2014 18:41	64.5	58.2	55.1	53.5	53.8	51.3	44.4	34.8
13/01/2014 18:46	65.9	57.9	54.5	52.8	52.9	50.9	43.9	34.3
13/01/2014 18:51	64.9	58.6	54.1	52.5	53.2	51.3	41.7	31.7
13/01/2014 18:56	65.3	59.7	54.7	52.8	52.5	49.9	42.8	32.9
13/01/2014 19:01	64.7	57.7	54.5	53.2	52.3	49.6	42.2	32.1
13/01/2014 19:06	65.4	60.3	55.4	53.8	53.1	50.9	44.5	34.5
13/01/2014 19:11	65.1	59.3	55	52.5	51.3	48.9	42.4	32.9
13/01/2014 19:16	66.2	58.8	54.3	52.3	51.6	49.1	43.2	31.9
13/01/2014 19:21	64.9	57.1	55.5	54.4	50.7	47.5	40.2	30.7
13/01/2014 19:26	64.3	58.2	53.8	52.2	51.8	48.8	40.8	31.9
13/01/2014 19:31	64.9	57.3	54	52.6	51.7	49	42.1	33
13/01/2014 19:36	63.4	57.5	53.1	52.5	56.4	49.3	40.9	31.5
13/01/2014 19:41	64	57.2	53.4	51.2	51.1	48.9	41.8	31.2
13/01/2014 19:46	64.1	59.3	54.1	52.3	51.5	50.3	43.9	31.7
13/01/2014 19:51	65	57	53.4	51.7	52.1	50.2	41.3	32.3



13/01/2014 19:56	62.2	55.7	52.9	51.1	50.8	48.5	41.1	31.8
13/01/2014 20:01	63.4	56.2	53	51	50.6	47.9	40.4	31.2
13/01/2014 20:06	63.8	56.7	53.5	52.7	62	58.4	46.8	34.8
13/01/2014 20:11	62.4	56.5	53.9	51.6	51	48.9	40.5	30.8
13/01/2014 20:16	64.9	56.5	53	51.6	51.4	48.7	40.1	30.6
13/01/2014 20:21	64.1	58.8	54.1	52.5	51.6	48.9	40.8	31
13/01/2014 20:26	64.5	59.3	53.3	51.8	51.3	48.6	40.4	31.2
13/01/2014 20:31	64	55.6	53.6	52.1	60.8	56.7	47.5	36.8
13/01/2014 20:36	63.6	57.4	53.5	51.9	53.1	50.3	41.2	31.7
13/01/2014 20:41	64.4	57.9	53.9	54.3	51.8	49	40.1	30.5
13/01/2014 20:46	63.9	56.1	52.9	51.5	51.1	48.1	40	30.3
13/01/2014 20:51	61.4	59.7	53.6	50.8	49.5	47.1	38.5	27.6
13/01/2014 20:56	61.3	57.7	52.5	53.7	52.3	49.2	38.9	27.9
13/01/2014 21:01	64.9	58.9	53.5	51	49.6	47.2	45.8	30.7
13/01/2014 21:06	62.6	55.9	52.3	50.2	50.3	47.8	38.4	27.6
13/01/2014 21:11	63.1	55.7	51.9	50	50.1	47.6	38.5	27.8
13/01/2014 21:16	62.8	57.5	53.2	50.6	50	47.5	38.5	27.9
13/01/2014 21:21	63.5	58.5	53.2	51.4	51.1	47.8	38.9	28.8
13/01/2014 21:26	61.1	55.6	52.6	51.3	51.4	48.1	38.4	29.5
13/01/2014 21:31	62.6	56.4	53.7	52.3	52.2	49.4	41.1	33.5
13/01/2014 21:36	63.6	56.8	54.4	52.7	52.3	49.4	41.9	31.7
13/01/2014 21:41	62.8	55.7	53.1	51.6	51.5	48.7	39.7	30.2
13/01/2014 21:46	62.6	55.5	53.6	51.4	51.5	49.4	41.3	31
13/01/2014 21:51	63.2	55.5	53.2	52.8	52.5	49.5	41.4	31.2
13/01/2014 21:56	59.9	54.3	51.4	49.7	49.9	47.1	40.1	28
13/01/2014 22:01	62.8	55.3	52.7	50.8	51	48.1	39.3	28.9
13/01/2014 22:06	68.5	66.1	53.5	51	51.6	48.9	39.4	29.1
13/01/2014 22:11	63.6	56.2	53.2	52	52.1	49.6	40.6	29.6
13/01/2014 22:16	61.3	55.1	51.9	50.8	50.9	48.1	38.6	28.1
13/01/2014 22:21	63.7	56	52.9	50.9	51	48.2	40.8	29.2
13/01/2014 22:26	62.8	54.6	52	50.8	51.3	48.5	39.2	28.6
13/01/2014 22:31	60	57.3	51.8	50.3	50.8	47.5	38.1	27.7
13/01/2014 22:36	63.7	54.5	52.1	50.9	58.6	55.4	45.8	33.8
13/01/2014 22:41	61.8	54.9	51.5	50	50.1	47.8	39	29.5
13/01/2014 22:46	62.3	54.8	51.8	50.1	50.5	48.1	39.4	30.1
13/01/2014 22:51	63.3	56.5	51.4	51.3	58.9	55.4	45.1	31.7
13/01/2014 22:56	65	56.1	52.5	50.6	50.5	48.1	39.1	28.6
13/01/2014 23:01	64.3	55.9	51.7	50.5	51.2	48.3	38.5	27.3
13/01/2014 23:06	60.2	52.8	51.4	50.7	51	48	37.8	26.6
13/01/2014 23:11	62.5	54.7	52	50.6	50.8	47.9	38.9	28.1
13/01/2014 23:16	62.3	54.5	52.3	50.3	50.5	47.7	38	27.4
13/01/2014 23:21	62	55.5	53.2	51.1	51.4	48.5	39.3	29
13/01/2014 23:26	61.2	55.4	52.3	51.1	52	48.9	39.2	28.5
13/01/2014 23:31	60.9	53.7	51.3	49.8	50.7	48.1	38.2	27.2
13/01/2014 23:36	63.3	55.2	53.2	51.2	51.3	48.5	38.7	28.1
13/01/2014 23:41	62.3	52.9	50.8	50	50.6	47.8	38.6	30.2
13/01/2014 23:46	62.8	54.1	52.5	50.6	51.4	48.5	38.4	27.2
13/01/2014 23:51	61.3	54.2	51.4	50.3	50.8	47.8	38.1	27.5
13/01/2014 23:56	60.5	53	51.2	50.3	51.9	48.7	37.8	26.2
14/01/2014 00:01	64.4	55.7	52.9	51.1	50.8	48.2	39.7	29.7
14/01/2014 00:06	60.5	54	51.4	50.1	51	48.2	38.2	27.4
14/01/2014 00:11	60	52.9	51.4	49.7	51.1	48.2	37.6	26.8
14/01/2014 00:16	61	53.4	51.2	50	49.9	46.9	36.8	27.8
14/01/2014 00:21	62.3	54.4	50.5	49	49.7	47.1	36.9	27.4
14/01/2014 00:26	61.7	53.5	50.9	50.4	52	49.6	39	28.6



14/01/2014 00:31	60.2	52.2	50	49.4	50.7	48.1	37.3	26.9
14/01/2014 00:36	59.8	52.8	50.2	49.4	49.8	46.9	36.6	25.8
14/01/2014 00:41	56.7	49.5	48.1	48.2	50.1	47.6	35.5	24.2
14/01/2014 00:46	58.7	52.6	49.6	50.4	51.3	48.2	37	26.9
14/01/2014 00:51	57.4	50.9	48.6	47.8	49.5	46.5	35.2	24.1
14/01/2014 00:56	57.4	50.1	48.7	49.2	51.4	48.8	37.1	24.3
14/01/2014 01:01	56.3	50.6	47.8	47.1	48.5	45.8	34.6	24.1
14/01/2014 01:06	58.6	50.1	47.9	48.4	50.3	47.1	36	25.6
14/01/2014 01:11	59.5	51	47.5	49.2	49.2	46.4	36	26.5
14/01/2014 01:16	58.1	50.5	46.5	46.4	47.6	44.5	32.3	21.5
14/01/2014 01:21	59.1	48.9	46.4	46.7	48.7	46.1	36.3	26
14/01/2014 01:26	58.3	49.8	47	46.5	48	45.6	37.7	27.8
14/01/2014 01:31	58.3	49.8	48.4	47.9	48.7	46	38.1	28.4
14/01/2014 01:36	62	50.6	47.8	48.8	49.5	46.6	38.3	28.5
14/01/2014 01:41	57.1	49.2	46	46.7	47.5	44.9	37.3	28.4
14/01/2014 01:46	59.1	49.8	47.5	47.9	48.7	45.8	38.3	29.7
14/01/2014 01:51	57.9	49	46.9	46.7	48.2	45.6	39.1	30.1
14/01/2014 01:56	59.5	50.3	47.9	48.3	49.5	46.3	40.4	31.3
14/01/2014 02:01	58.5	53.9	52.6	48.4	49	45.9	42.5	34.8
14/01/2014 02:06	57.2	57.5	49.1	48.8	48.4	46	42.3	33.4
14/01/2014 02:11	55.3	48.1	45	45.1	46	42.2	40.9	32.3
14/01/2014 02:16	55.8	52.5	49.3	49.1	49.6	46.3	41.8	32.8
14/01/2014 02:21	57.2	56	51.4	49.3	49.5	46.4	41.7	33.5
14/01/2014 02:26	56.5	49.4	46.9	45.5	47.2	44.4	42.2	34.2
14/01/2014 02:31	61.8	50	46.9	47.1	48.9	45.2	42.4	34.2
14/01/2014 02:36	58.9	50.6	48.5	49.6	50.1	46.2	40.5	31.2
14/01/2014 02:41	55.9	48.7	47.8	49.2	52.4	49.9	43.4	34.9
14/01/2014 02:46	58.6	53.2	50.5	49.5	49.9	47.1	43.8	35.6
14/01/2014 02:51	54	47.8	45.3	45.4	48.3	45.3	41.6	33.1
14/01/2014 02:56	58.7	51.5	49.1	48.3	49.2	46.4	41.1	33.4
14/01/2014 03:01	57.6	49.6	48.3	48.4	47.1	43.8	42.2	34.2
14/01/2014 03:06	57.4	49.7	46.4	46.2	47.1	44.4	38.8	29.9
14/01/2014 03:11	56.1	47.9	46.1	46.4	48.1	44.8	38.2	29.8
14/01/2014 03:16	55.1	48.8	45.2	45.2	47	44.4	38.3	29.4
14/01/2014 03:21	54.3	46.8	44.9	44.9	47.3	43.8	37.7	29.9
14/01/2014 03:26	59.5	50.9	48.8	47.9	48	44.3	39.8	32
14/01/2014 03:31	57.3	50.1	48.2	48.6	48.4	45	40.6	32.6
14/01/2014 03:36	57.8	49.6	48.4	47.6	48.5	45.2	40.8	33.5
14/01/2014 03:41	58.8	48.7	46.2	45.3	45.2	42.5	40.8	32.8
14/01/2014 03:46	55.6	47.6	45.2	44.8	46.2	43.1	38	29.3
14/01/2014 03:51	56.7	47.2	44.8	45.2	47.5	44.8	38.3	29.5
