

Technical Appendices

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Noise and Vibration: Abbreviations and Terms

General Abbreviations:

AOD	Above Ordnance Datum
BPEO	Best Practicable Environmental Option
BPM	Best Practicable Means
BS	British Standard
CD	Chart Datum
CDM	Construction Design & Management
CEMP	Construction Environmental Management Plan
DBA	Desk Based Assessment
DMRB	Design Manual for Roads and Bridges
EA	Environment Agency
EAP	Environmental Action Plan
EIA	Environmental Impact Assessment
ES	Environmental Statement
HGV	Heavy Goods Vehicle
HSE	Health and Safety Executive
IEMA	Institute of Environmental Management and Assessment
LGV	Light Goods Vehicle
OD	Ordnance Datum
OS	Ordnance Survey
PCC	Pollution Prevention & Control
PPG	Planning Policy Guidance
PPS	Planning Policy Statement
RPG	Regional Planning Guidance
TA	Transport Assessment

Noise and Vibration: Abbreviations

NEC	Noise Exposure Category
NSR	Noise & Vibration Sensitive Resources and Receptors
VDV	Vibration Dose Value

Noise and Vibration: Terms

A-weighting - weighting of the audible frequencies designed to reflect the response of the human ear to noise. The ear is more sensitive to noise at frequencies in the middle of the audible range than it is to either very high or very low frequencies. Noise measurements are often A-weighted (using a dedicated filter) to compensate for the sensitivity of the ear.

Airborne Noise – noise radiated directly from a source, such as a loud speaker or machine, into the surrounding air.

Broadband - a noise containing a wide range of frequencies.

C-weighting - weighting of the audible frequencies often used for the measurement of peak sound pressure level. C-weighting has an almost flat (or linear) response across the audible frequency range.

Decibel - units of sound measurement and noise exposure measurement.

dBA - decibels A-weighted.

dBC - decibels C-weighted.

Directivity - the uniform/non-uniform directional characteristics of a noise source (as noise may be emitted from the source in different directions with varying intensities and frequencies).

Equivalent continuous sound pressure level (L_{AeqT}) - a measure of the average sound pressure level during a period of time, in dB 9A weighted).

Frequency (Hz) - the pitch of the sound, measured in Hertz.

Fundamental frequency - the lowest natural frequency of a vibrating system.

Groundborne - noise perceived by the sense of hearing that differs from noise in general only insofar as it arrives in the space where it is heard as a result of propagation as vibration (at acoustic frequencies) through the ground or through a structure.

Harmonic - a signal having a repetitive pattern.

Hz - hertz, the unit of frequency.

Impulsive noise - any type of single or repeated noise of short duration, e.g. the noise from an explosion or the noise of a power press.

$L_{A \max}$ - maximum value of the A-weighted sound pressure level, measured using the fast (F) time weighting (in dBA).

L_{AE} - see under sound exposure level (SEL).

L_{eq} - see 'Equivalent continuous sound pressure level'.

L_{A10} - This is the noise level that is exceeded for 10% of the measurement period and gives an indication of the noisier levels. It is a unit that has been used over many years for the measurement and assessment of road traffic noise.

L_{A90} - This is the noise level that is exceeded for 90% of the measurement period and gives an indication of the noise level during quieter periods. It is often referred to as the background noise level and is used in the assessment of disturbance from industrial noise

Loudness - the measure of the subjective impression of the magnitude or strength of a sound.

Mixed source - a noise environment where no specific source of noise is dominant.

Noise - unwanted sound or unwanted signal (usually electrical) in a measurement or instrumentation system

Noise spectrum - a noise represented by its frequency components.

Octave – the range between two frequencies whose ratio is 2:1

Peak Particle Velocity - Peak particle velocity is defined as 'the maximum instantaneous velocity of a particle at a point during a given time interval', and has been found to be the best single descriptor for correlating with case history data on the occurrence of vibration-induced damage.

Sound Exposure Level (L_{AE}) - the total sound energy of a noise event compressed into a unit time period, ie one second.

Sound pressure level (SPL) - the basic measure of noise expressed in decibels, usually measured with an appropriate frequency weighting (e.g. the A-weighted SPL in dBA).

Tonal - noise sources sometimes contain pure tone components which can be identified as hums, whistles etc. The presence of these tonal components is sometimes considered to add an extra, annoying, quality to the noise.

Vibration – a to-and fro motion; a motion which oscillates about a fixed equilibrium position.

Vibration Dose Value (VDV) - The effect of building vibration on people inside buildings is assessed by determining their vibration dose. Present knowledge indicates that this is best evaluated with the VDV, as promoted through BS 6472 [3]. VDV defines a relationship that yields a consistent assessment of intermittent, occasional and impulsive vibration, as well as continuous input, and correlates well with subjective response. The way in which people perceive building vibration depends upon various factors, including the vibration frequency and direction. The VDV is given by the fourth root of the integral of the fourth power of the acceleration after it has been frequency weighted.

Façade Source Term for Main EFW building and IBA Building

Façade: 18g fluted steel panels stiffened at edges, joints sealed - Table 8.1 Engineering Noise Control, Bies and Hansen
 Source of data WRG

	Overall	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
Li dB(A)	80	71	71	71	71	71	71	71	71
Rw		25	30	20	22	30	28	31	31
Lw (= Li-Rw-6)		40	35	45	43	35	37	34	34

Air Cooled Condensers Condensers

Lp 80 dB(A) at 10m
 Lw 111 dB(A)
 Prediction Frequency 500 Hz
 Height 10m
 Source of data WRG

Stack

Stack - 1 Flue	SWL (dB) / Hz									Height (m)
	31.5Hz	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	
	103	104	97	85	67	71	67	67	74	95

Stack Directivity

diameter of outlet, d (m) 2.55
 temperature of outlet (deg C) 130 design
 speed of sound at outlet, c (m/s) 410

Directivity Index (dB)	Strouhal Number	0	30	45	60	90	120	170	Angle (deg)
		31.5	63	125	250	500	1000	2000	
	0.2	1.2	0.8	0.2	0	-0.4	-2.1	-2.1	
	0.4	2.6	1.9	0.3	-0.6	-3.8	-6.5	-6.5	
	0.8	5.8	2.8	0.5	-1.8	-6.2	-11.2	-11.2	
	1.6	7.5	3.5	0.2	-3	-9	-15	-15	
	3.1	9.6	3.75	-1.2	-5.5	-12.5	-20	-20	
	6.2	11	3.6	-2.8	-8.1	-16	-23	-23	
	12.4	12	2.4	-4.8	-11	-19.5	-27	-27	
	24.9	14	0.6	-9	-16	-23	-32.5	-32.5	
	49.8	17	-10	-22	-28	-35	-43	-43	

Job No: JAS4595
 Client: Waste Recycling Group
 Site: Sutton Courtenay
 Survey Location: Hartwright House
 Total Measuring Period: 25/01/2008 14:00 - 07/02/2008 - 14:30

Microphone Height: 1.5m
 Façade Location: No
 Weighting: dB(A)
 Time Weighting: Fast
 Personnel: SH

Date and Time	LAeq	LAmx	LA10	LA90
25/01/2008 14:00	60.2	79.8	62.8	55.1
25/01/2008 14:15	60.0	74.0	63.1	53.1
25/01/2008 14:30	57.4	74.3	61.0	50.3
25/01/2008 14:45	58.2	70.7	61.4	52.1
25/01/2008 15:00	58.5	73.9	61.6	52.8
25/01/2008 15:15	58.5	75.1	61.0	52.7
25/01/2008 15:30	60.1	76.7	62.7	53.9
25/01/2008 15:45	57.4	71.4	60.2	51.5
25/01/2008 16:00	57.8	68.7	60.8	52.6
25/01/2008 16:15	54.2	64.5	56.5	51.1
25/01/2008 16:30	54.3	71.1	57.2	50.4
25/01/2008 16:45	57.2	75.5	59.8	50.7
25/01/2008 17:00	54.1	66.4	56.6	50.2
25/01/2008 17:15	53.4	71.6	55.6	48.1
25/01/2008 17:30	51.1	65.1	53.2	47.3
25/01/2008 17:45	49.9	62.6	51.4	47.1
25/01/2008 18:00	50.3	65.6	52.4	45.9
25/01/2008 18:15	49.6	64.4	51.4	45.2
25/01/2008 18:30	52.4	69.2	56.1	45.0
25/01/2008 18:45	50.7	66.6	53.3	45.5
25/01/2008 19:00	50.0	65.0	52.3	45.1
25/01/2008 19:15	48.9	63.8	49.8	45.4
25/01/2008 19:30	49.1	64.8	50.7	45.0
25/01/2008 19:45	49.7	61.8	51.1	45.3
25/01/2008 20:00	50.7	65.3	52.0	45.1
25/01/2008 20:15	47.1	59.9	48.4	44.1
25/01/2008 20:30	48.8	64.5	50.1	43.9
25/01/2008 20:45	49.4	67.1	52.0	43.2
25/01/2008 21:00	49.7	66.1	51.5	42.7
25/01/2008 21:15	46.6	67.1	47.5	42.8
25/01/2008 21:30	46.2	61.8	48.0	42.5
25/01/2008 21:45	47.4	61.8	49.0	42.7
25/01/2008 22:00	45.5	61.6	47.2	42.7
25/01/2008 22:15	45.8	63.3	47.7	42.2
25/01/2008 22:30	48.2	62.8	49.9	42.1
25/01/2008 22:45	44.9	54.3	47.7	42.1
25/01/2008 23:00	48.6	64.9	49.9	42.2
25/01/2008 23:15	47.6	61.9	49.4	43.2
25/01/2008 23:30	45.0	63.5	46.9	41.9
25/01/2008 23:45	47.5	61.2	50.0	42.3
26/01/2008 00:00	47.4	61.4	50.0	42.2
26/01/2008 00:15	46.7	61.9	48.9	42.0

26/01/2008 00:30	49.2	67.0	49.9	42.0
26/01/2008 00:45	48.8	61.1	52.2	42.8
26/01/2008 01:00	46.1	57.1	49.0	41.8
26/01/2008 01:15	46.7	60.5	48.0	42.3
26/01/2008 01:30	44.6	53.4	47.0	41.6
26/01/2008 01:45	42.2	56.4	43.4	40.7
26/01/2008 02:00	45.8	64.3	44.9	41.0
26/01/2008 02:15	44.2	53.5	46.3	41.4
26/01/2008 02:30	49.9	67.5	49.6	42.2
26/01/2008 02:45	41.9	52.7	42.9	40.7
26/01/2008 03:00	43.0	56.8	43.7	40.9
26/01/2008 03:15	49.7	68.0	48.6	41.2
26/01/2008 03:30	45.6	57.7	47.8	42.5
26/01/2008 03:45	46.2	61.6	46.7	42.1
26/01/2008 04:00	44.5	60.2	45.2	42.3
26/01/2008 04:15	48.6	65.0	46.2	42.7
26/01/2008 04:30	45.9	65.7	46.5	42.8
26/01/2008 04:45	49.2	66.7	46.5	42.5
26/01/2008 05:00	44.0	54.1	45.3	42.7
26/01/2008 05:15	50.7	67.9	53.0	43.8
26/01/2008 05:30	45.8	60.6	46.4	43.5
26/01/2008 05:45	48.6	70.1	46.8	43.6
26/01/2008 06:00	49.3	65.9	47.6	42.6
26/01/2008 06:15	49.6	69.3	51.5	42.9
26/01/2008 06:30	51.5	72.1	52.0	42.2
26/01/2008 06:45	53.4	68.2	57.3	45.1
26/01/2008 07:00	55.1	69.5	58.9	49.0
26/01/2008 07:15	60.2	72.8	63.3	51.9
26/01/2008 07:30	57.7	72.0	61.4	50.7
26/01/2008 07:45	56.7	71.7	60.5	50.2
26/01/2008 08:00	60.4	73.0	63.3	52.3
26/01/2008 08:15	59.0	70.5	62.1	52.8
26/01/2008 08:30	58.7	69.3	61.8	52.8
26/01/2008 08:45	59.0	73.1	62.3	52.1
26/01/2008 09:00	56.0	75.2	59.5	49.8
26/01/2008 09:15	57.2	67.0	60.8	51.2
26/01/2008 09:30	57.9	71.2	61.0	51.9
26/01/2008 09:45	58.3	76.2	61.3	51.6
26/01/2008 10:00	59.1	74.3	61.8	51.9
26/01/2008 10:15	55.4	72.7	58.6	50.3
26/01/2008 10:30	53.9	68.8	56.9	49.7
26/01/2008 10:45	57.1	67.4	60.9	49.1
26/01/2008 11:00	58.0	76.2	61.4	50.7
26/01/2008 11:15	59.3	69.1	62.3	53.1
26/01/2008 11:30	60.1	73.2	62.8	55.2
26/01/2008 11:45	54.9	70.5	58.0	49.0
26/01/2008 12:00	55.7	70.9	58.9	49.7
26/01/2008 12:15	56.1	70.5	60.0	48.9
26/01/2008 12:30	58.1	69.5	61.7	50.1
26/01/2008 12:45	56.1	68.6	60.1	47.0
26/01/2008 13:00	51.7	65.5	55.4	44.3
26/01/2008 13:15	56.9	67.8	60.1	45.2
26/01/2008 13:30	52.4	68.7	55.8	46.3
26/01/2008 13:45	52.5	64.3	56.6	46.2
26/01/2008 14:00	57.6	76.6	60.7	48.0
26/01/2008 14:15	54.4	66.0	57.8	46.9

26/01/2008 14:30	53.3	69.4	57.5	44.6
26/01/2008 14:45	59.0	72.7	61.8	54.2
26/01/2008 15:00	55.0	70.8	58.8	47.0
26/01/2008 15:15	54.1	67.7	58.2	46.3
26/01/2008 15:30	53.4	73.6	55.5	47.4
26/01/2008 15:45	51.6	69.8	53.4	47.0
26/01/2008 16:00	50.2	63.9	53.3	45.9
26/01/2008 16:15	56.5	75.6	57.6	45.7
26/01/2008 16:30	51.1	63.9	54.9	45.7
26/01/2008 16:45	63.5	86.6	56.3	45.6
26/01/2008 17:00	55.7	83.8	55.2	44.5
26/01/2008 17:15	50.5	75.3	53.0	42.6
26/01/2008 17:30	48.5	68.1	48.0	42.3
26/01/2008 17:45	48.8	69.1	48.8	42.3
26/01/2008 18:00	48.0	63.7	49.4	42.3
26/01/2008 18:15	48.6	64.5	49.4	42.5
26/01/2008 18:30	46.1	63.8	47.0	42.1
26/01/2008 18:45	48.0	63.4	49.9	42.6
26/01/2008 19:00	44.7	59.7	45.6	42.2
26/01/2008 19:15	47.3	63.2	47.0	41.9
26/01/2008 19:30	46.8	66.6	48.0	42.5
26/01/2008 19:45	46.8	66.6	45.8	41.9
26/01/2008 20:00	44.4	59.3	44.5	42.3
26/01/2008 20:15	46.5	62.6	48.3	42.5
26/01/2008 20:30	47.5	64.0	48.0	43.3
26/01/2008 20:45	45.6	60.2	45.8	43.5
26/01/2008 21:00	47.6	60.7	48.8	43.8
26/01/2008 21:15	49.2	65.9	49.6	43.7
26/01/2008 21:30	48.2	61.2	50.3	43.9
26/01/2008 21:45	50.4	60.3	53.5	45.2
26/01/2008 22:00	48.9	61.3	52.4	44.0
26/01/2008 22:15	48.0	57.4	50.7	44.5
26/01/2008 22:30	49.9	60.9	52.9	45.5
26/01/2008 22:45	47.7	61.1	50.6	43.4
26/01/2008 23:00	44.7	58.1	45.4	42.3
26/01/2008 23:15	44.2	59.4	45.5	41.8
26/01/2008 23:30	43.6	63.6	44.0	41.9
26/01/2008 23:45	43.4	57.4	44.0	42.1
27/01/2008 00:00	43.3	52.5	44.5	42.1
27/01/2008 00:15	43.8	51.5	45.6	42.0
27/01/2008 00:30	46.5	55.6	49.1	43.3
27/01/2008 00:45	43.7	53.4	45.8	41.8
27/01/2008 01:00	43.8	56.1	45.8	41.9
27/01/2008 01:15	43.6	57.1	45.5	41.3
27/01/2008 01:30	43.9	57.2	45.7	41.5
27/01/2008 01:45	42.9	51.6	44.3	41.5
27/01/2008 02:00	42.8	50.4	43.8	41.6
27/01/2008 02:15	43.9	53.8	45.9	41.6
27/01/2008 02:30	43.0	52.5	44.5	41.3
27/01/2008 02:45	42.9	50.4	44.9	40.9
27/01/2008 03:00	42.4	52.0	43.8	40.9
27/01/2008 03:15	42.0	55.6	42.8	40.3
27/01/2008 03:30	42.3	60.2	43.4	40.7
27/01/2008 03:45	43.1	52.0	44.3	41.5
27/01/2008 04:00	44.4	59.2	46.4	41.7
27/01/2008 04:15	43.4	50.8	44.8	41.7

27/01/2008 04:30	48.0	70.3	49.6	42.8
27/01/2008 04:45	46.0	55.4	48.3	43.2
27/01/2008 05:00	44.1	54.2	46.3	41.9
27/01/2008 05:15	43.3	54.7	44.7	41.7
27/01/2008 05:30	42.6	53.5	43.8	41.5
27/01/2008 05:45	44.7	53.3	47.2	42.2
27/01/2008 06:00	45.6	55.8	47.7	42.7
27/01/2008 06:15	47.3	71.5	45.3	42.2
27/01/2008 06:30	42.7	57.1	43.5	41.5
27/01/2008 06:45	48.7	68.2	51.3	41.7
27/01/2008 07:00	55.1	72.2	59.0	42.9
27/01/2008 07:15	57.5	72.8	61.9	44.4
27/01/2008 07:30	54.7	71.1	58.1	46.9
27/01/2008 07:45	54.7	73.0	58.2	43.3
27/01/2008 08:00	54.0	67.1	58.1	43.9
27/01/2008 08:15	48.0	72.1	49.3	44.1
27/01/2008 08:30	56.9	80.8	59.8	46.2
27/01/2008 08:45	54.7	78.7	58.1	44.6
27/01/2008 09:00	50.7	71.0	54.6	44.0
27/01/2008 09:15	53.7	73.0	57.4	44.0
27/01/2008 09:30	57.1	69.0	61.2	43.8
27/01/2008 09:45	55.1	78.9	59.3	44.8
27/01/2008 10:00	51.0	70.3	52.8	44.4
27/01/2008 10:15	54.3	77.9	55.6	44.0
27/01/2008 10:30	49.9	75.7	53.6	42.9
27/01/2008 10:45	49.9	66.6	53.4	42.3
27/01/2008 11:00	51.1	71.2	53.6	42.3
27/01/2008 11:15	52.3	73.7	52.4	43.5
27/01/2008 11:30	52.3	72.6	55.9	43.3
27/01/2008 11:45	51.8	64.9	56.3	44.3
27/01/2008 12:00	51.4	73.5	53.5	43.6
27/01/2008 12:15	53.4	66.2	58.6	42.9
27/01/2008 12:30	49.6	66.8	52.8	42.5
27/01/2008 12:45	51.0	70.8	52.5	42.9
27/01/2008 13:00	54.1	66.9	57.7	43.1
27/01/2008 13:15	51.4	65.8	55.0	41.3
27/01/2008 13:30	66.9	90.7	59.3	43.0
27/01/2008 13:45	55.6	78.3	58.9	42.0
27/01/2008 14:00	51.7	67.1	55.8	42.2
27/01/2008 14:15	49.8	74.6	48.5	40.7
27/01/2008 14:30	59.6	89.2	57.4	42.2
27/01/2008 14:45	51.0	74.6	53.6	40.4
27/01/2008 15:00	56.2	68.7	59.4	42.4
27/01/2008 15:15	50.5	71.9	53.2	40.7
27/01/2008 15:30	55.4	73.7	58.4	42.5
27/01/2008 15:45	48.6	64.9	52.1	41.2
27/01/2008 16:00	49.9	68.4	53.1	41.2
27/01/2008 16:15	51.1	65.9	54.2	43.4
27/01/2008 16:30	50.6	61.8	53.0	46.5
27/01/2008 16:45	51.0	66.9	53.4	45.7
27/01/2008 17:00	50.2	72.0	51.9	43.4
27/01/2008 17:15	50.2	70.0	51.1	41.6
27/01/2008 17:30	45.3	62.7	43.9	41.3
27/01/2008 17:45	45.2	61.1	45.6	41.6
27/01/2008 18:00	44.7	65.2	44.3	41.1
27/01/2008 18:15	45.7	63.9	45.4	42.0

27/01/2008 18:30	43.5	58.3	43.8	41.8
27/01/2008 18:45	45.0	61.6	44.3	41.7
27/01/2008 19:00	43.8	59.8	43.5	41.5
27/01/2008 19:15	45.3	62.7	44.0	41.7
27/01/2008 19:30	46.2	62.9	44.4	41.8
27/01/2008 19:45	43.0	58.7	43.8	41.9
27/01/2008 20:00	46.2	60.1	47.8	42.0
27/01/2008 20:15	49.9	65.0	49.7	42.2
27/01/2008 20:30	48.9	66.2	43.8	41.6
27/01/2008 20:45	47.6	64.1	45.2	42.0
27/01/2008 21:00	48.2	63.9	47.4	42.7
27/01/2008 21:15	52.5	72.9	45.9	43.1
27/01/2008 21:30	50.6	68.3	46.0	42.1
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27/01/2008 22:00	40.8	58.5	39.9	37.7
27/01/2008 22:15	46.9	63.1	48.0	37.7
27/01/2008 22:30	46.8	67.0	46.1	36.8
27/01/2008 22:45	40.5	57.7	39.9	37.2
27/01/2008 23:00	40.8	63.0	39.5	37.1
27/01/2008 23:15	41.0	60.9	40.0	37.5
27/01/2008 23:30	40.6	56.5	40.8	37.8
27/01/2008 23:45	41.2	62.0	40.7	38.0
28/01/2008 00:00	38.8	46.4	39.6	37.9
28/01/2008 00:15	41.6	58.7	40.4	38.1
28/01/2008 00:30	41.6	58.9	40.6	37.4
28/01/2008 00:45	37.5	57.1	38.5	35.4
28/01/2008 01:00	35.5	53.9	36.1	34.8
28/01/2008 01:15	34.7	48.3	35.7	33.5
28/01/2008 01:30	34.9	53.0	35.6	33.8
28/01/2008 01:45	42.4	63.7	36.0	33.5
28/01/2008 02:00	53.7	82.6	37.4	33.6
28/01/2008 02:15	36.7	60.3	35.8	33.7
28/01/2008 02:30	43.1	61.9	37.4	34.7
28/01/2008 02:45	35.7	53.2	36.5	34.7
28/01/2008 03:00	36.1	42.0	36.9	35.2
28/01/2008 03:15	37.4	54.3	38.2	36.2
28/01/2008 03:30	47.6	65.1	40.3	35.9
28/01/2008 03:45	36.9	53.3	37.7	35.8
28/01/2008 04:00	39.1	62.8	38.3	35.3
28/01/2008 04:15	47.9	68.3	38.9	34.0
28/01/2008 04:30	47.8	65.5	38.5	31.0
28/01/2008 04:45	45.8	68.5	39.5	32.2
28/01/2008 05:00	47.4	67.4	37.3	33.1
28/01/2008 05:15	48.5	67.5	44.7	34.6
28/01/2008 05:30	44.1	63.1	39.9	35.6
28/01/2008 05:45	46.5	68.3	44.3	37.4
28/01/2008 06:00	49.8	65.7	54.1	38.2
28/01/2008 06:15	54.3	69.5	58.0	41.4
28/01/2008 06:30	54.0	72.3	58.6	42.8
28/01/2008 06:45	53.6	68.8	57.5	42.6
28/01/2008 07:00	54.2	67.2	58.5	44.1
28/01/2008 07:15	56.2	67.5	60.2	47.6
28/01/2008 07:30	58.3	69.5	62.8	48.4
28/01/2008 07:45	58.5	71.4	61.9	51.2
28/01/2008 08:00	55.9	69.9	60.0	48.1
28/01/2008 08:15	55.0	80.8	58.1	47.8

28/01/2008 08:30	56.4	66.7	59.0	51.6
28/01/2008 08:45	57.3	69.6	60.5	50.5
28/01/2008 09:00	56.8	73.5	60.0	48.2
28/01/2008 09:15	56.9	69.9	60.6	49.0
28/01/2008 09:30	55.7	70.2	59.3	46.5
28/01/2008 09:45	63.8	85.6	62.9	47.0
28/01/2008 10:00	56.7	69.6	59.8	47.9
28/01/2008 10:15	57.8	81.8	61.5	45.5
28/01/2008 10:30	61.1	78.7	64.0	50.5
28/01/2008 10:45	71.1	97.8	64.6	49.1
28/01/2008 11:00	57.0	69.6	61.8	46.5
28/01/2008 11:15	58.3	69.9	62.0	49.9
28/01/2008 11:30	57.7	70.0	60.3	48.9
28/01/2008 11:45	55.6	67.9	58.9	47.8
28/01/2008 12:00	61.0	79.8	63.4	52.3
28/01/2008 12:15	58.6	71.7	62.0	52.0
28/01/2008 12:30	61.1	84.1	63.1	52.9
28/01/2008 12:45	62.0	74.2	65.8	52.2
28/01/2008 13:00	58.5	70.7	61.8	52.0
28/01/2008 13:15	62.9	75.3	67.2	51.9
28/01/2008 13:30	60.1	81.3	61.3	49.4
28/01/2008 13:45	57.3	68.9	61.1	48.9
28/01/2008 14:00	57.7	75.0	61.5	48.7
28/01/2008 14:15	64.7	78.8	69.3	53.8
28/01/2008 14:30	57.9	72.9	61.3	49.9
28/01/2008 14:45	61.8	83.9	64.1	55.1
28/01/2008 15:00	63.3	79.4	68.0	53.5
28/01/2008 15:15	61.1	77.4	63.4	52.9
28/01/2008 15:30	58.3	69.4	61.3	50.4
28/01/2008 15:45	59.4	77.7	62.4	49.0
28/01/2008 16:00	59.1	71.5	62.3	50.3
28/01/2008 16:15	55.8	71.5	59.1	49.1
28/01/2008 16:30	54.4	70.7	57.5	48.9
28/01/2008 16:45	53.6	70.2	56.2	48.3
28/01/2008 17:00	53.2	67.9	56.5	46.9
28/01/2008 17:15	51.5	69.3	53.5	46.1
28/01/2008 17:30	59.2	79.8	54.4	46.5
28/01/2008 17:45	50.6	70.3	52.0	44.9
28/01/2008 18:00	61.8	89.0	61.8	43.6
28/01/2008 18:15	60.7	82.1	55.1	43.2
28/01/2008 18:30	46.9	62.0	49.4	42.2
28/01/2008 18:45	54.9	74.1	57.2	42.1
28/01/2008 19:00	48.4	64.6	48.8	42.0
28/01/2008 19:15	58.4	77.2	54.1	41.5
28/01/2008 19:30	49.4	65.0	50.5	41.6
28/01/2008 19:45	49.3	67.7	48.8	41.2
28/01/2008 20:00	50.6	66.0	53.6	40.2
28/01/2008 20:15	42.9	57.4	43.1	39.5
28/01/2008 20:30	47.7	65.7	47.0	39.5
28/01/2008 20:45	52.6	68.9	54.0	40.3
28/01/2008 21:00	49.4	66.2	47.9	39.5
28/01/2008 21:15	49.9	70.8	51.5	39.6
28/01/2008 21:30	52.9	75.5	47.0	40.1
28/01/2008 21:45	54.7	71.5	53.9	40.5
28/01/2008 22:00	48.3	62.7	51.1	41.0
28/01/2008 22:15	47.6	67.4	46.4	41.0

28/01/2008 22:30	51.2	66.7	51.4	40.8
28/01/2008 22:45	48.2	66.3	46.7	41.0
28/01/2008 23:00	45.3	60.9	46.1	41.1
28/01/2008 23:15	48.4	62.8	48.9	41.5
28/01/2008 23:30	46.5	63.5	44.5	41.0
28/01/2008 23:45	43.7	61.2	43.6	40.5
29/01/2008 00:00	47.8	64.7	46.9	41.7
29/01/2008 00:15	49.0	64.2	51.0	42.3
29/01/2008 00:30	50.2	67.3	51.4	42.2
29/01/2008 00:45	53.3	69.8	52.0	43.0
29/01/2008 01:00	48.9	62.2	52.8	43.2
29/01/2008 01:15	51.2	68.6	47.6	42.7
29/01/2008 01:30	43.8	53.9	44.8	42.4
29/01/2008 01:45	49.8	67.0	46.0	42.7
29/01/2008 02:00	44.3	62.1	44.9	43.2
29/01/2008 02:15	43.6	47.5	44.5	42.5
29/01/2008 02:30	53.0	68.3	51.1	42.9
29/01/2008 02:45	44.9	62.2	46.0	43.3
29/01/2008 03:00	45.8	63.0	47.1	43.9
29/01/2008 03:15	50.9	69.1	48.4	43.8
29/01/2008 03:30	46.8	62.4	48.5	43.7
29/01/2008 03:45	50.3	67.5	47.4	43.1
29/01/2008 04:00	51.1	66.9	52.8	43.3
29/01/2008 04:15	46.3	66.2	47.4	43.0
29/01/2008 04:30	50.3	68.7	51.7	43.0
29/01/2008 04:45	48.7	69.4	45.9	43.2
29/01/2008 05:00	52.9	69.1	54.8	43.4
29/01/2008 05:15	51.1	66.0	52.5	44.2
29/01/2008 05:30	49.6	68.2	47.7	44.4
29/01/2008 05:45	49.4	68.6	49.5	45.0
29/01/2008 06:00	50.9	66.3	54.0	45.3
29/01/2008 06:15	53.4	67.5	56.4	46.1
29/01/2008 06:30	52.9	70.2	55.9	46.7
29/01/2008 06:45	56.7	68.7	60.4	49.1
29/01/2008 07:00	58.6	73.5	62.7	50.1
29/01/2008 07:15	61.6	73.2	65.5	52.8
29/01/2008 07:30	58.7	68.2	61.8	51.9
29/01/2008 07:45	58.6	71.8	62.4	51.9
29/01/2008 08:00	58.4	69.5	61.8	52.1
29/01/2008 08:15	56.5	74.7	60.2	50.6
29/01/2008 08:30	57.0	67.9	60.6	50.6
29/01/2008 08:45	59.6	83.8	61.8	53.3
29/01/2008 09:00	56.8	67.9	60.4	50.3
29/01/2008 09:15	58.3	68.6	61.6	52.7
29/01/2008 09:30	59.6	82.8	61.6	51.4
29/01/2008 09:45	61.1	86.9	61.1	49.8
29/01/2008 10:00	58.6	71.8	61.8	50.8
29/01/2008 10:15	58.4	69.0	61.2	52.6
29/01/2008 10:30	59.0	76.3	61.8	52.5
29/01/2008 10:45	60.4	76.5	63.3	55.3
29/01/2008 11:00	58.1	69.1	61.4	51.6
29/01/2008 11:15	55.9	67.6	59.6	49.4
29/01/2008 11:30	57.6	68.4	61.4	49.6
29/01/2008 11:45	59.1	68.5	61.9	53.8
29/01/2008 12:00	59.8	73.2	63.2	50.3
29/01/2008 12:15	58.8	69.6	62.3	50.2

29/01/2008 12:30	56.4	72.5	60.7	48.9
29/01/2008 12:45	56.9	72.7	60.9	49.2
29/01/2008 13:00	57.2	67.9	61.7	49.1
29/01/2008 13:15	59.5	73.1	62.4	53.4
29/01/2008 13:30	59.9	69.0	63.1	53.5
29/01/2008 13:45	58.8	72.8	61.5	52.5
29/01/2008 14:00	59.5	70.5	62.7	53.7
29/01/2008 14:15	60.0	76.9	62.3	51.8
29/01/2008 14:30	58.9	82.4	61.1	48.6
29/01/2008 14:45	57.1	76.5	60.6	47.2
29/01/2008 15:00	58.1	69.6	61.1	50.4
29/01/2008 15:15	58.7	68.4	61.9	51.0
29/01/2008 15:30	60.5	78.1	62.5	51.0
29/01/2008 15:45	58.8	68.6	61.8	51.3
29/01/2008 16:00	56.1	74.1	59.2	46.9
29/01/2008 16:15	54.3	67.6	57.8	48.6
29/01/2008 16:30	56.1	70.1	60.1	49.8
29/01/2008 16:45	52.9	69.2	55.6	49.1
29/01/2008 17:00	61.6	81.8	60.6	48.9
29/01/2008 17:15	56.4	77.7	59.6	47.4
29/01/2008 17:30	62.1	98.3	54.5	46.5
29/01/2008 17:45	54.1	69.1	57.3	46.6
29/01/2008 18:00	56.3	85.2	52.4	45.5
29/01/2008 18:15	52.5	71.0	55.1	45.5
29/01/2008 18:30	48.8	66.3	51.2	44.7
29/01/2008 18:45	56.8	85.0	56.8	44.8
29/01/2008 19:00	51.1	67.0	51.8	44.0
29/01/2008 19:15	53.2	72.4	57.4	44.3
29/01/2008 19:30	50.2	68.0	53.6	44.1
29/01/2008 19:45	50.0	64.8	51.4	43.3
29/01/2008 20:00	47.1	65.9	48.3	43.0
29/01/2008 20:15	50.9	67.4	53.8	43.2
29/01/2008 20:30	51.4	69.5	54.3	43.3
29/01/2008 20:45	50.0	66.5	51.3	43.6
29/01/2008 21:00	50.3	67.1	50.3	43.5
29/01/2008 21:15	50.0	69.9	51.7	43.3
29/01/2008 21:30	49.6	65.1	49.9	43.7
29/01/2008 21:45	48.5	67.0	48.6	43.0
29/01/2008 22:00	47.6	63.5	50.2	42.0
29/01/2008 22:15	53.6	70.2	57.6	43.9
29/01/2008 22:30	55.7	83.2	58.0	39.9
29/01/2008 22:45	46.2	60.9	48.5	38.1
29/01/2008 23:00	48.0	65.2	46.0	37.9
29/01/2008 23:15	50.7	69.0	46.7	38.2
29/01/2008 23:30	47.4	67.8	50.1	39.0
29/01/2008 23:45	44.5	70.2	43.0	39.6
30/01/2008 00:00	50.6	68.1	50.8	39.8
30/01/2008 00:15	47.9	61.3	51.8	39.9
30/01/2008 00:30	51.0	74.2	53.7	40.0
30/01/2008 00:45	48.3	62.2	48.2	40.9
30/01/2008 01:00	48.5	66.2	52.6	40.9
30/01/2008 01:15	48.9	67.6	42.7	39.3
30/01/2008 01:30	49.5	66.3	50.0	40.3
30/01/2008 01:45	48.7	64.2	43.9	39.8
30/01/2008 02:00	45.2	61.0	42.6	39.7
30/01/2008 02:15	41.2	57.7	41.7	39.2

30/01/2008 02:30	40.9	47.8	42.1	39.5
30/01/2008 02:45	52.6	68.3	56.2	39.7
30/01/2008 03:00	47.0	66.5	43.8	40.0
30/01/2008 03:15	42.8	51.9	43.8	40.9
30/01/2008 03:30	41.7	60.9	42.6	40.5
30/01/2008 03:45	47.3	62.7	45.7	41.0
30/01/2008 04:00	43.0	58.5	44.4	41.0
30/01/2008 04:15	45.4	63.9	43.2	40.8
30/01/2008 04:30	47.5	63.0	49.0	41.1
30/01/2008 04:45	47.8	65.7	46.5	41.4
30/01/2008 05:00	48.0	69.2	48.6	41.6
30/01/2008 05:15	51.0	64.0	53.8	43.4
30/01/2008 05:30	49.4	69.9	48.4	44.2
30/01/2008 05:45	50.7	68.2	53.0	44.4
30/01/2008 06:00	49.7	69.7	51.5	44.8
30/01/2008 06:15	54.1	69.2	57.6	47.1
30/01/2008 06:30	52.1	71.0	55.5	46.1
30/01/2008 06:45	55.4	69.1	59.7	47.0
30/01/2008 07:00	58.6	71.4	62.2	52.9
30/01/2008 07:15	61.3	73.8	64.5	54.1
30/01/2008 07:30	60.7	71.1	64.1	52.9
30/01/2008 07:45	58.5	73.1	61.9	52.6
30/01/2008 08:00	59.6	72.3	62.4	54.4
30/01/2008 08:15	59.3	70.6	62.0	54.2
30/01/2008 08:30	59.9	76.3	62.6	53.6
30/01/2008 08:45	58.9	74.3	61.7	53.2
30/01/2008 09:00	60.4	72.2	63.5	54.5
30/01/2008 09:15	59.3	71.8	62.0	53.3
30/01/2008 09:30	58.2	72.7	61.2	52.9
30/01/2008 09:45	58.7	74.9	61.7	52.4
30/01/2008 10:00	57.5	68.1	60.8	51.3
30/01/2008 10:15	59.6	72.2	62.7	52.9
30/01/2008 10:30	60.8	81.9	62.7	50.4
30/01/2008 10:45	61.4	73.8	64.0	55.5
30/01/2008 11:00	60.4	79.6	62.7	55.7
30/01/2008 11:15	60.2	77.7	62.7	51.9
30/01/2008 11:30	61.9	78.1	64.2	56.6
30/01/2008 11:45	58.7	70.6	61.4	52.7
30/01/2008 12:00	58.6	69.0	62.0	49.6
30/01/2008 12:15	60.5	82.6	63.1	53.9
30/01/2008 12:30	59.6	75.0	62.8	52.1
30/01/2008 12:45	60.6	74.4	63.1	56.1
30/01/2008 13:00	62.2	78.3	64.7	55.0
30/01/2008 13:15	60.3	74.8	63.1	53.4
30/01/2008 13:30	59.7	77.9	62.0	52.1
30/01/2008 13:45	58.2	69.8	61.2	51.8
30/01/2008 14:00	58.9	68.1	62.3	52.9
30/01/2008 14:15	59.4	73.5	61.9	53.0
30/01/2008 14:30	61.1	81.9	62.6	51.4
30/01/2008 14:45	58.4	69.3	61.4	52.6
30/01/2008 15:00	59.0	73.6	62.1	51.6
30/01/2008 15:15	60.4	72.2	63.4	53.1
30/01/2008 15:30	57.9	71.8	61.3	50.7
30/01/2008 15:45	59.7	72.7	62.4	54.9
30/01/2008 16:00	59.9	74.5	62.6	52.4
30/01/2008 16:15	57.9	75.7	59.3	50.0

30/01/2008 16:30	52.7	66.8	55.4	48.2
30/01/2008 16:45	50.9	68.7	53.9	46.2
30/01/2008 17:00	52.7	71.8	55.2	47.1
30/01/2008 17:15	53.1	69.7	56.4	46.9
30/01/2008 17:30	50.8	68.0	52.7	47.1
30/01/2008 17:45	51.7	67.0	54.5	46.9
30/01/2008 18:00	51.5	68.8	53.3	46.2
30/01/2008 18:15	61.7	83.3	53.9	45.2
30/01/2008 18:30	55.0	73.3	57.7	45.3
30/01/2008 18:45	48.8	62.8	51.0	44.7
30/01/2008 19:00	49.9	66.9	50.9	45.0
30/01/2008 19:15	58.5	80.4	55.6	45.8
30/01/2008 19:30	52.6	72.9	55.5	45.5
30/01/2008 19:45	57.4	78.8	56.6	45.6
30/01/2008 20:00	51.6	66.5	52.2	45.4
30/01/2008 20:15	48.3	60.4	50.4	45.0
30/01/2008 20:30	51.7	63.9	55.0	45.8
30/01/2008 20:45	48.6	64.6	49.7	45.6
30/01/2008 21:00	52.5	67.1	54.1	45.8
30/01/2008 21:15	49.4	63.2	51.8	44.9
30/01/2008 21:30	49.8	67.1	50.3	44.8
30/01/2008 21:45	54.7	68.7	58.2	45.9
30/01/2008 22:00	48.3	60.5	49.1	44.9
30/01/2008 22:15	47.0	61.7	48.0	44.8
30/01/2008 22:30	50.9	64.4	53.8	45.4
30/01/2008 22:45	46.5	58.2	47.8	44.5
30/01/2008 23:00	50.7	67.0	51.0	45.2
30/01/2008 23:15	48.5	62.9	50.4	45.1
30/01/2008 23:30	46.2	66.1	47.1	44.8
30/01/2008 23:45	48.6	64.8	48.5	44.9
31/01/2008 00:00	46.5	60.1	47.8	44.0
31/01/2008 00:15	48.2	61.1	49.2	44.0
31/01/2008 00:30	48.1	67.8	49.0	44.7
31/01/2008 00:45	48.7	59.1	51.5	45.1
31/01/2008 01:00	46.3	56.4	47.1	43.8
31/01/2008 01:15	51.4	66.3	53.5	43.9
31/01/2008 01:30	48.8	62.0	51.6	43.5
31/01/2008 01:45	46.3	62.0	45.7	43.4
31/01/2008 02:00	44.4	57.0	45.6	43.1
31/01/2008 02:15	47.7	64.3	47.1	42.6
31/01/2008 02:30	50.6	70.7	48.6	43.3
31/01/2008 02:45	52.1	68.4	49.8	44.6
31/01/2008 03:00	46.8	60.6	48.3	44.6
31/01/2008 03:15	45.6	55.0	47.2	43.5
31/01/2008 03:30	52.4	66.3	56.0	44.3
31/01/2008 03:45	45.7	54.5	47.4	43.8
31/01/2008 04:00	50.3	70.9	52.9	45.2
31/01/2008 04:15	50.5	69.0	52.5	45.4
31/01/2008 04:30	52.5	71.3	55.5	45.4
31/01/2008 04:45	51.0	64.7	53.9	45.9
31/01/2008 05:00	51.4	69.4	52.9	45.9
31/01/2008 05:15	52.2	69.0	53.6	46.7
31/01/2008 05:30	52.5	64.6	56.0	47.4
31/01/2008 05:45	52.7	68.1	54.9	47.9
31/01/2008 06:00	53.0	68.7	55.7	48.0
31/01/2008 06:15	55.7	68.3	58.1	51.4

31/01/2008 06:30	56.6	74.4	58.4	50.7
31/01/2008 06:45	56.9	69.2	60.0	51.2
31/01/2008 07:00	61.0	83.4	62.6	53.5
31/01/2008 07:15	60.7	77.9	62.9	54.3
31/01/2008 07:30	60.2	75.7	62.9	54.5
31/01/2008 07:45	59.2	70.1	61.9	55.3
31/01/2008 08:00	60.4	75.6	63.3	55.9
31/01/2008 08:15	58.8	70.0	61.4	55.1
31/01/2008 08:30	60.4	72.3	63.1	55.6
31/01/2008 08:45	60.9	73.5	63.8	56.2
31/01/2008 09:00	59.8	71.2	62.5	55.5
31/01/2008 09:15	60.1	73.0	63.0	55.5
31/01/2008 09:30	59.8	77.0	62.3	54.8
31/01/2008 09:45	61.1	71.1	63.6	56.9
31/01/2008 10:00	59.8	70.1	62.9	55.2
31/01/2008 10:15	59.5	70.6	62.5	54.8
31/01/2008 10:30	60.4	71.7	63.7	55.4
31/01/2008 10:45	60.4	74.4	63.3	55.5
31/01/2008 11:00	59.1	72.8	62.3	54.2
31/01/2008 11:15	58.8	70.5	62.2	53.0
31/01/2008 11:30	63.0	72.8	66.7	55.6
31/01/2008 11:45	62.4	73.6	65.4	57.8
31/01/2008 12:00	61.3	74.2	64.7	54.7
31/01/2008 12:15	58.0	68.6	61.2	53.4
31/01/2008 12:30	59.3	77.9	62.6	53.5
31/01/2008 12:45	60.2	69.6	63.2	55.1
31/01/2008 13:00	57.9	72.1	60.8	53.1
31/01/2008 13:15	58.7	72.7	61.4	53.3
31/01/2008 13:30	60.2	77.5	63.0	52.9
31/01/2008 13:45	58.7	67.2	61.4	54.9
31/01/2008 14:00	60.7	77.8	62.3	54.0
31/01/2008 14:15	57.3	69.3	60.1	53.0
31/01/2008 14:30	57.5	67.5	60.6	52.5
31/01/2008 14:45	57.3	72.5	60.6	50.8
31/01/2008 15:00	59.0	72.1	62.0	53.2
31/01/2008 15:15	59.1	69.2	61.7	55.0
31/01/2008 15:30	57.0	71.8	59.3	53.7
31/01/2008 15:45	55.9	70.3	58.4	51.5
31/01/2008 16:00	57.0	72.8	59.2	53.0
31/01/2008 16:15	55.7	73.6	57.9	51.8
31/01/2008 16:30	56.0	71.0	59.0	52.0
31/01/2008 16:45	61.5	83.2	57.9	52.3
31/01/2008 17:00	53.8	69.1	56.7	48.7
31/01/2008 17:15	55.6	74.1	58.1	49.0
31/01/2008 17:30	54.9	66.1	57.7	49.2
31/01/2008 17:45	51.3	70.2	53.4	46.5
31/01/2008 18:00	51.3	66.6	53.3	45.8
31/01/2008 18:15	53.0	68.6	54.7	47.3
31/01/2008 18:30	50.8	67.8	53.2	46.9
31/01/2008 18:45	51.4	69.1	54.2	45.2
31/01/2008 19:00	50.8	62.3	53.9	46.3
31/01/2008 19:15	50.6	63.5	53.7	45.5
31/01/2008 19:30	48.8	65.7	51.5	44.8
31/01/2008 19:45	52.9	68.0	55.1	45.4
31/01/2008 20:00	52.0	63.4	54.8	46.8
31/01/2008 20:15	53.1	67.8	56.7	46.3

31/01/2008 20:30	54.0	64.8	57.5	47.8
31/01/2008 20:45	51.4	65.2	54.4	46.6
31/01/2008 21:00	54.2	65.3	57.5	47.6
31/01/2008 21:15	54.8	66.3	57.7	49.1
31/01/2008 21:30	51.1	62.8	54.1	45.9
31/01/2008 21:45	49.8	63.6	51.9	45.6
31/01/2008 22:00	54.2	65.4	57.5	46.2
31/01/2008 22:15	53.9	67.5	56.6	49.1
31/01/2008 22:30	55.9	66.6	59.0	50.3
31/01/2008 22:45	55.1	66.5	58.5	49.3
31/01/2008 23:00	54.8	68.2	57.8	48.1
31/01/2008 23:15	57.3	68.5	60.8	50.1
31/01/2008 23:30	54.2	69.3	57.1	48.6
31/01/2008 23:45	50.1	61.2	52.8	45.2
01/02/2008 00:00	51.5	66.9	53.9	46.8
01/02/2008 00:15	50.0	64.1	53.0	46.3
01/02/2008 00:30	51.2	64.0	54.2	46.1
01/02/2008 00:45	51.7	66.4	54.0	46.0
01/02/2008 01:00	52.6	64.7	56.2	45.3
01/02/2008 01:15	48.4	61.8	51.1	43.7
01/02/2008 01:30	45.1	54.4	47.5	42.7
01/02/2008 01:45	47.5	60.8	50.1	43.2
01/02/2008 02:00	46.6	56.0	49.1	43.2
01/02/2008 02:15	51.0	61.5	54.5	45.2
01/02/2008 02:30	51.1	66.9	54.5	45.1
01/02/2008 02:45	51.9	63.5	55.4	45.9
01/02/2008 03:00	51.6	65.3	55.0	44.9
01/02/2008 03:15	52.2	65.3	55.9	45.6
01/02/2008 03:30	51.3	64.5	54.5	45.7
01/02/2008 03:45	50.3	65.4	53.4	44.0
01/02/2008 04:00	47.9	64.6	50.8	43.4
01/02/2008 04:15	47.6	65.9	50.0	43.1
01/02/2008 04:30	47.9	60.7	49.7	43.7
01/02/2008 04:45	48.0	67.7	48.4	42.5
01/02/2008 05:00	48.0	69.6	49.0	42.9
01/02/2008 05:15	47.6	61.5	49.4	43.9
01/02/2008 05:30	49.0	64.0	51.4	44.9
01/02/2008 05:45	49.7	67.1	51.4	45.8
01/02/2008 06:00	51.4	69.5	54.0	46.0
01/02/2008 06:15	52.6	68.9	55.4	46.7
01/02/2008 06:30	51.7	70.5	53.1	47.1
01/02/2008 06:45	55.9	73.3	59.8	48.1
01/02/2008 07:00	58.9	79.0	61.4	52.1
01/02/2008 07:15	59.9	70.0	62.8	53.6
01/02/2008 07:30	59.4	71.7	61.9	54.5
01/02/2008 07:45	58.0	72.4	60.5	53.8
01/02/2008 08:00	58.8	71.3	61.9	53.5
01/02/2008 08:15	56.9	79.0	59.9	50.9
01/02/2008 08:30	59.9	75.5	62.6	53.6
01/02/2008 08:45	60.6	80.7	63.0	54.7
01/02/2008 09:00	58.6	77.7	61.8	51.7
01/02/2008 09:15	60.4	72.3	63.2	55.9
01/02/2008 09:30	60.9	76.2	63.7	55.3
01/02/2008 09:45	58.7	69.9	62.4	50.7
01/02/2008 10:00	61.4	81.3	63.9	55.2
01/02/2008 10:15	60.6	73.4	63.1	53.5

01/02/2008 10:30	62.5	87.6	63.9	55.1
01/02/2008 10:45	59.7	84.5	62.6	52.1
01/02/2008 11:00	57.8	72.3	61.5	50.3
01/02/2008 11:15	59.6	73.3	62.9	52.9
01/02/2008 11:30	59.5	71.3	62.4	53.6
01/02/2008 11:45	59.8	70.4	62.6	55.0
01/02/2008 12:00	61.3	73.2	64.0	56.3
01/02/2008 12:15	61.0	77.7	63.7	55.6
01/02/2008 12:30	62.0	74.4	64.6	57.2
01/02/2008 12:45	57.1	74.6	60.2	50.9
01/02/2008 13:00	60.9	74.3	64.1	53.4
01/02/2008 13:15	62.0	76.0	65.2	55.5
01/02/2008 13:30	61.0	78.0	63.3	56.8
01/02/2008 13:45	57.1	83.5	60.1	51.3
01/02/2008 14:00	59.9	70.4	62.5	55.2
01/02/2008 14:15	60.5	78.9	63.7	53.4
01/02/2008 14:30	59.6	74.4	61.9	54.4
01/02/2008 14:45	58.4	77.8	61.2	51.7
01/02/2008 15:00	60.5	75.8	62.9	56.4
01/02/2008 15:15	59.4	79.3	62.2	53.4
01/02/2008 15:30	58.5	72.4	61.3	53.8
01/02/2008 15:45	58.5	79.6	61.0	54.7
01/02/2008 16:00	60.1	77.3	63.0	55.1
01/02/2008 16:15	54.9	72.8	57.0	51.4
01/02/2008 16:30	52.5	64.7	54.7	49.1
01/02/2008 16:45	52.0	67.1	53.6	48.8
01/02/2008 17:00	53.6	71.2	56.0	47.8
01/02/2008 17:15	51.6	64.9	55.3	46.6
01/02/2008 17:30	50.4	61.1	53.5	46.1
01/02/2008 17:45	51.7	70.7	53.8	46.0
01/02/2008 18:00	51.0	65.5	53.9	45.3
01/02/2008 18:15	48.8	66.4	50.0	44.5
01/02/2008 18:30	47.0	57.9	49.4	43.6
01/02/2008 18:45	48.0	67.4	49.9	43.4
01/02/2008 19:00	49.9	67.0	52.5	43.1
01/02/2008 19:15	44.5	60.5	45.1	42.8
01/02/2008 19:30	49.7	63.5	53.3	43.4
01/02/2008 19:45	47.3	62.3	49.5	43.4
01/02/2008 20:00	47.7	61.6	50.7	43.4
01/02/2008 20:15	46.1	60.4	47.3	42.7
01/02/2008 20:30	47.3	66.4	46.5	42.5
01/02/2008 20:45	49.4	62.9	51.2	42.9
01/02/2008 21:00	48.6	64.5	49.2	43.6
01/02/2008 21:15	45.5	64.7	45.8	43.2
01/02/2008 21:30	45.7	61.2	46.1	42.8
01/02/2008 21:45	45.6	62.5	45.3	42.4
01/02/2008 22:00	46.5	62.5	45.9	42.0
01/02/2008 22:15	45.2	63.9	44.5	41.6
01/02/2008 22:30	47.0	63.9	47.2	42.4
01/02/2008 22:45	45.2	57.1	46.6	42.5
01/02/2008 23:00	45.4	59.3	45.9	42.7
01/02/2008 23:15	46.5	63.7	46.9	42.5
01/02/2008 23:30	45.7	62.2	47.0	42.6
01/02/2008 23:45	47.3	60.3	48.0	42.9
02/02/2008 00:00	44.5	58.9	45.7	41.8
02/02/2008 00:15	46.9	62.6	48.5	42.1

02/02/2008 00:30	45.0	59.3	45.6	41.8
02/02/2008 00:45	46.7	57.4	49.0	43.3
02/02/2008 01:00	42.2	46.0	43.3	41.1
02/02/2008 01:15	46.2	66.8	45.6	41.3
02/02/2008 01:30	43.6	57.3	43.7	40.6
02/02/2008 01:45	41.9	57.5	42.8	40.7
02/02/2008 02:00	46.4	64.3	45.5	40.7
02/02/2008 02:15	45.9	64.8	43.9	40.8
02/02/2008 02:30	41.9	50.9	43.0	40.6
02/02/2008 02:45	45.7	65.1	43.7	40.8
02/02/2008 03:00	42.7	60.0	43.2	40.2
02/02/2008 03:15	45.8	65.3	46.8	40.7
02/02/2008 03:30	44.9	63.6	44.2	40.8
02/02/2008 03:45	42.3	58.1	43.5	40.3
02/02/2008 04:00	42.0	53.2	43.0	40.3
02/02/2008 04:15	42.2	59.5	43.0	40.6
02/02/2008 04:30	44.5	62.6	44.1	40.6
02/02/2008 04:45	48.5	64.6	49.6	40.2
02/02/2008 05:00	46.7	63.6	43.3	40.4
02/02/2008 05:15	48.6	67.8	48.8	40.6
02/02/2008 05:30	45.2	67.4	43.8	40.6
02/02/2008 05:45	45.8	68.1	45.8	40.7
02/02/2008 06:00	50.5	67.3	52.2	41.0
02/02/2008 06:15	47.0	66.1	46.7	40.8
02/02/2008 06:30	49.9	71.7	51.2	41.6
02/02/2008 06:45	55.5	69.5	59.4	43.5
02/02/2008 07:00	56.6	68.0	60.2	50.5
02/02/2008 07:15	57.5	70.4	60.8	50.6
02/02/2008 07:30	59.4	71.5	61.8	54.8
02/02/2008 07:45	55.9	69.8	59.7	47.5
02/02/2008 08:00	55.7	71.9	59.6	47.8
02/02/2008 08:15	54.5	69.0	57.9	47.5
02/02/2008 08:30	53.7	72.9	56.6	46.6
02/02/2008 08:45	54.6	75.9	58.4	45.6
02/02/2008 09:00	54.7	69.1	57.9	48.0
02/02/2008 09:15	52.3	66.2	55.9	46.6
02/02/2008 09:30	53.5	71.9	56.3	46.6
02/02/2008 09:45	53.5	66.1	56.3	48.7
02/02/2008 10:00	54.7	65.5	58.4	48.7
02/02/2008 10:15	55.1	68.8	58.5	48.4
02/02/2008 10:30	56.4	76.4	58.9	49.8
02/02/2008 10:45	55.8	67.2	58.9	50.0
02/02/2008 11:00	54.5	66.8	58.4	47.5
02/02/2008 11:15	51.9	70.5	54.1	48.0
02/02/2008 11:30	53.6	63.8	56.6	48.8
02/02/2008 11:45	52.2	68.1	54.8	48.0
02/02/2008 12:00	52.5	65.8	56.0	46.7
02/02/2008 12:15	54.7	73.2	58.6	45.4
02/02/2008 12:30	51.9	69.0	55.1	44.0
02/02/2008 12:45	54.6	69.5	57.9	45.5
02/02/2008 13:00	51.0	66.4	53.9	43.1
02/02/2008 13:15	50.6	66.1	54.1	43.9
02/02/2008 13:30	51.2	67.8	54.4	43.1
02/02/2008 13:45	53.3	69.4	56.5	43.9
02/02/2008 14:00	54.1	67.7	57.5	44.8
02/02/2008 14:15	50.4	65.8	53.9	42.9

02/02/2008 14:30	50.3	63.3	54.1	43.5
02/02/2008 14:45	52.9	65.2	56.4	44.9
02/02/2008 15:00	54.2	73.3	57.3	46.9
02/02/2008 15:15	50.7	66.7	53.9	43.3
02/02/2008 15:30	51.5	70.4	54.5	43.8
02/02/2008 15:45	51.7	66.0	55.2	45.7
02/02/2008 16:00	53.6	68.7	57.5	46.0
02/02/2008 16:15	49.8	68.9	51.8	44.9
02/02/2008 16:30	52.8	67.7	54.6	45.7
02/02/2008 16:45	52.7	67.4	55.8	46.5
02/02/2008 17:00	52.6	68.4	55.4	46.1
02/02/2008 17:15	52.3	69.7	55.1	44.8
02/02/2008 17:30	48.1	65.6	48.9	43.8
02/02/2008 17:45	53.0	69.8	53.5	44.0
02/02/2008 18:00	49.4	65.0	50.1	43.6
02/02/2008 18:15	48.2	65.0	49.6	42.1
02/02/2008 18:30	51.5	67.8	54.4	42.9
02/02/2008 18:45	50.3	67.7	49.0	42.5
02/02/2008 19:00	48.6	67.2	46.9	42.8
02/02/2008 19:15	50.8	65.5	51.8	42.9
02/02/2008 19:30	47.0	61.9	47.8	43.2
02/02/2008 19:45	50.2	66.8	48.7	43.6
02/02/2008 20:00	48.0	64.0	47.8	43.4
02/02/2008 20:15	50.4	68.0	51.1	43.3
02/02/2008 20:30	47.4	63.6	48.4	43.3
02/02/2008 20:45	44.8	56.1	46.1	42.1
02/02/2008 21:00	50.0	66.2	50.1	43.7
02/02/2008 21:15	50.6	67.4	50.9	44.3
02/02/2008 21:30	47.8	64.2	49.1	44.2
02/02/2008 21:45	47.1	62.9	48.1	43.8
02/02/2008 22:00	47.2	61.9	48.8	44.4
02/02/2008 22:15	47.1	57.8	49.2	43.3
02/02/2008 22:30	47.8	63.9	48.7	43.9
02/02/2008 22:45	47.2	60.1	48.6	43.7
02/02/2008 23:00	46.5	54.1	48.5	44.0
02/02/2008 23:15	47.7	63.2	49.4	42.7
02/02/2008 23:30	44.2	62.9	45.6	40.9
02/02/2008 23:45	44.1	56.7	45.8	41.5
03/02/2008 00:00	44.7	52.1	46.5	42.6
03/02/2008 00:15	44.5	51.8	46.2	42.5
03/02/2008 00:30	45.3	64.2	47.0	42.7
03/02/2008 00:45	46.2	62.2	48.7	42.8
03/02/2008 01:00	45.3	58.5	47.1	42.7
03/02/2008 01:15	45.1	54.6	47.1	42.1
03/02/2008 01:30	43.8	52.7	45.3	41.9
03/02/2008 01:45	44.1	60.7	45.6	41.6
03/02/2008 02:00	43.9	53.7	45.8	41.7
03/02/2008 02:15	45.2	60.9	46.8	42.9
03/02/2008 02:30	44.1	55.4	46.4	41.0
03/02/2008 02:45	42.5	57.9	43.3	40.3
03/02/2008 03:00	43.8	64.0	44.7	40.9
03/02/2008 03:15	42.3	61.4	43.2	40.3
03/02/2008 03:30	42.8	50.9	44.4	40.9
03/02/2008 03:45	41.2	51.3	43.4	38.6
03/02/2008 04:00	41.1	63.8	40.9	37.8
03/02/2008 04:15	38.7	47.4	40.3	36.9

03/02/2008 04:30	39.3	57.5	41.0	37.3
03/02/2008 04:45	40.4	54.0	42.1	38.4
03/02/2008 05:00	40.7	59.6	42.5	38.3
03/02/2008 05:15	42.8	58.3	45.7	38.3
03/02/2008 05:30	44.2	60.7	46.2	40.3
03/02/2008 05:45	42.9	59.0	45.1	39.1
03/02/2008 06:00	44.3	64.6	45.6	39.6
03/02/2008 06:15	44.1	61.6	45.2	39.1
03/02/2008 06:30	44.1	58.2	47.2	39.6
03/02/2008 06:45	48.3	63.7	51.9	40.4
03/02/2008 07:00	51.6	69.6	55.1	40.2
03/02/2008 07:15	51.7	72.2	54.5	40.2
03/02/2008 07:30	48.5	76.3	48.8	42.1
03/02/2008 07:45	49.4	70.4	51.3	43.3
03/02/2008 08:00	47.3	62.4	50.1	42.9
03/02/2008 08:15	49.8	71.9	52.5	44.1
03/02/2008 08:30	49.4	69.2	50.4	43.8
03/02/2008 08:45	48.2	74.0	49.6	43.2
03/02/2008 09:00	51.6	71.1	53.5	44.1
03/02/2008 09:15	49.6	65.6	52.1	43.1
03/02/2008 09:30	52.6	71.8	53.5	43.2
03/02/2008 09:45	50.6	67.9	53.7	44.9
03/02/2008 10:00	51.8	68.3	54.4	45.1
03/02/2008 10:15	54.1	70.2	56.1	47.5
03/02/2008 10:30	51.7	71.1	52.2	44.0
03/02/2008 10:45	51.9	79.1	53.3	44.9
03/02/2008 11:00	49.4	66.7	50.7	42.6
03/02/2008 11:15	52.6	70.4	53.0	43.0
03/02/2008 11:30	52.0	70.3	53.7	43.7
03/02/2008 11:45	53.3	71.7	53.7	43.4
03/02/2008 12:00	50.1	69.3	52.3	43.8
03/02/2008 12:15	51.8	67.5	53.0	43.8
03/02/2008 12:30	54.3	69.4	55.1	45.9
03/02/2008 12:45	49.3	62.0	51.2	43.8
03/02/2008 13:00	52.8	75.0	53.6	45.9
03/02/2008 13:15	53.5	69.1	55.5	45.6
03/02/2008 13:30	52.6	68.2	54.4	45.0
03/02/2008 13:45	49.5	71.5	51.1	44.7
03/02/2008 14:00	49.7	63.1	51.6	44.0
03/02/2008 14:15	53.0	69.8	55.6	43.7
03/02/2008 14:30	50.7	69.9	51.3	43.5
03/02/2008 14:45	46.8	60.3	48.8	43.0
03/02/2008 15:00	50.0	67.7	52.6	43.8
03/02/2008 15:15	54.6	71.5	57.0	44.8
03/02/2008 15:30	51.1	72.1	53.4	44.1
03/02/2008 15:45	50.3	72.6	51.7	44.7
03/02/2008 16:00	52.5	73.3	53.0	43.8
03/02/2008 16:15	54.4	73.8	57.7	43.5
03/02/2008 16:30	48.9	68.4	51.0	42.5
03/02/2008 16:45	47.6	70.6	50.2	43.0
03/02/2008 17:00	53.1	71.1	53.5	42.8
03/02/2008 17:15	52.4	73.0	52.6	42.6
03/02/2008 17:30	52.5	71.3	49.2	41.4
03/02/2008 17:45	46.8	66.7	45.1	40.7
03/02/2008 18:00	46.8	66.5	46.1	40.3
03/02/2008 18:15	51.9	69.2	51.3	41.9

03/02/2008 18:30	47.1	70.6	48.9	42.4
03/02/2008 18:45	51.1	69.1	49.2	42.6
03/02/2008 19:00	47.9	63.6	49.2	42.8
03/02/2008 19:15	52.5	73.2	53.0	43.3
03/02/2008 19:30	50.8	69.5	47.2	41.0
03/02/2008 19:45	49.1	69.3	49.1	41.6
03/02/2008 20:00	48.9	68.8	49.6	40.5
03/02/2008 20:15	51.3	73.9	49.9	40.5
03/02/2008 20:30	49.7	67.1	47.9	42.1
03/02/2008 20:45	45.1	61.3	45.6	41.6
03/02/2008 21:00	48.2	65.6	47.1	41.0
03/02/2008 21:15	48.3	65.5	47.3	40.6
03/02/2008 21:30	47.1	67.7	45.6	41.3
03/02/2008 21:45	48.7	69.4	47.0	41.4
03/02/2008 22:00	47.0	65.3	47.7	41.5
03/02/2008 22:15	52.2	69.7	52.5	45.9
03/02/2008 22:30	44.0	59.0	46.2	41.7
03/02/2008 22:45	43.1	61.7	44.3	41.3
03/02/2008 23:00	44.5	61.1	45.8	42.4
03/02/2008 23:15	45.1	57.7	46.4	42.9
03/02/2008 23:30	43.3	58.9	44.4	41.6
03/02/2008 23:45	42.8	53.7	44.1	41.3
04/02/2008 00:00	42.5	55.9	43.6	40.8
04/02/2008 00:15	43.2	56.3	44.4	41.6
04/02/2008 00:30	47.4	64.6	49.2	44.3
04/02/2008 00:45	48.6	61.1	52.2	45.2
04/02/2008 01:00	45.9	63.4	46.9	43.7
04/02/2008 01:15	44.3	63.3	45.4	42.4
04/02/2008 01:30	43.6	58.7	44.7	41.9
04/02/2008 01:45	43.0	58.6	44.0	41.4
04/02/2008 02:00	42.8	57.5	43.9	41.5
04/02/2008 02:15	43.2	65.9	43.2	40.3
04/02/2008 02:30	41.7	58.1	41.6	39.3
04/02/2008 02:45	42.5	54.4	43.4	41.0
04/02/2008 03:00	43.0	59.7	43.7	41.6
04/02/2008 03:15	44.6	64.1	45.0	41.3
04/02/2008 03:30	44.3	62.9	45.0	42.0
04/02/2008 03:45	43.7	59.5	44.2	42.4
04/02/2008 04:00	42.6	54.2	43.5	41.6
04/02/2008 04:15	46.8	69.8	45.2	41.7
04/02/2008 04:30	47.0	62.7	45.2	42.5
04/02/2008 04:45	48.6	70.9	48.3	42.6
04/02/2008 05:00	48.0	64.3	45.7	43.1
04/02/2008 05:15	50.2	69.0	48.1	44.5
04/02/2008 05:30	49.9	65.0	49.5	45.7
04/02/2008 05:45	50.5	72.2	50.6	46.2
04/02/2008 06:00	51.7	64.6	54.9	46.4
04/02/2008 06:15	51.7	67.1	53.9	46.6
04/02/2008 06:30	53.8	72.2	57.8	47.1
04/02/2008 06:45	56.1	71.0	59.7	48.6
04/02/2008 07:00	60.1	74.6	63.0	54.1
04/02/2008 07:15	58.6	67.0	61.3	52.2
04/02/2008 07:30	57.7	73.5	60.7	51.3
04/02/2008 07:45	57.5	73.0	59.8	53.2
04/02/2008 08:00	58.3	70.0	61.3	53.0
04/02/2008 08:15	58.3	72.0	61.0	53.0

04/02/2008 08:30	57.6	68.9	60.7	52.3
04/02/2008 08:45	58.1	75.7	60.7	53.3
04/02/2008 09:00	64.2	86.0	62.8	54.2
04/02/2008 09:15	58.8	70.5	61.4	53.7
04/02/2008 09:30	58.5	73.4	61.3	53.4
04/02/2008 09:45	57.3	70.1	60.9	50.8
04/02/2008 10:00	59.3	74.5	63.3	51.0
04/02/2008 10:15	58.1	73.4	61.6	51.1
04/02/2008 10:30	57.0	76.6	60.5	50.4
04/02/2008 10:45	58.7	71.8	62.3	51.7
04/02/2008 11:00	57.2	67.9	60.1	52.5
04/02/2008 11:15	58.4	74.7	61.1	52.5
04/02/2008 11:30	57.5	75.6	60.5	51.1
04/02/2008 11:45	60.3	84.0	61.3	54.0
04/02/2008 12:00	59.1	81.2	60.8	53.6
04/02/2008 12:15	56.8	69.3	59.5	52.7
04/02/2008 12:30	59.6	85.3	61.3	52.0
04/02/2008 12:45	58.4	67.3	61.1	53.8
04/02/2008 13:00	58.8	71.3	61.8	54.2
04/02/2008 13:15	59.2	69.0	61.8	54.6
04/02/2008 13:30	59.6	72.5	63.0	52.5
04/02/2008 13:45	58.5	78.4	61.4	52.0
04/02/2008 14:00	58.0	74.2	61.2	51.8
04/02/2008 14:15	58.3	70.1	61.4	52.4
04/02/2008 14:30	58.1	77.4	60.5	52.6
04/02/2008 14:45	58.5	69.8	61.7	52.8
04/02/2008 15:00	55.7	67.3	59.4	49.6
04/02/2008 15:15	57.6	78.4	60.5	51.4
04/02/2008 15:30	57.4	75.1	60.3	51.9
04/02/2008 15:45	58.4	76.6	61.4	53.1
04/02/2008 16:00	60.7	90.7	60.4	53.3
04/02/2008 16:15	55.0	68.1	57.4	50.2
04/02/2008 16:30	55.2	78.9	56.4	50.4
04/02/2008 16:45	63.8	88.3	59.0	50.6
04/02/2008 17:00	60.7	85.1	57.5	50.4
04/02/2008 17:15	55.4	72.0	58.6	50.9
04/02/2008 17:30	55.4	69.1	55.9	49.8
04/02/2008 17:45	52.9	64.6	55.6	48.7
04/02/2008 18:00	54.9	70.5	56.9	46.6
04/02/2008 18:15	50.1	66.6	50.0	46.0
04/02/2008 18:30	55.0	70.0	58.4	46.7
04/02/2008 18:45	51.9	68.2	54.1	46.4
04/02/2008 19:00	54.1	69.2	58.6	46.5
04/02/2008 19:15	56.8	79.2	58.3	46.1
04/02/2008 19:30	51.2	64.3	53.9	45.3
04/02/2008 19:45	51.6	70.7	54.4	45.4
04/02/2008 20:00	52.7	66.4	55.2	44.8
04/02/2008 20:15	54.3	71.2	54.9	44.1
04/02/2008 20:30	51.6	68.3	52.8	44.3
04/02/2008 20:45	54.9	73.0	51.3	44.4
04/02/2008 21:00	47.7	68.1	48.0	43.5
04/02/2008 21:15	52.4	68.4	53.6	43.8
04/02/2008 21:30	49.7	68.7	48.3	43.4
04/02/2008 21:45	53.4	71.5	51.8	42.3
04/02/2008 22:00	50.2	66.2	50.7	42.3
04/02/2008 22:15	45.3	63.5	45.4	41.9

04/02/2008 22:30	54.8	75.1	49.3	42.4
04/02/2008 22:45	50.4	69.8	50.0	41.9
04/02/2008 23:00	57.1	74.6	60.8	45.0
04/02/2008 23:15	54.3	75.5	56.8	44.2
04/02/2008 23:30	50.5	65.0	53.3	44.7
04/02/2008 23:45	53.7	72.7	56.7	47.1
05/02/2008 00:00	54.3	69.2	55.8	45.2
05/02/2008 00:15	53.6	70.1	57.1	44.9
05/02/2008 00:30	56.2	71.8	58.6	45.0
05/02/2008 00:45	51.6	63.3	55.3	44.1
05/02/2008 01:00	50.2	69.8	53.5	44.6
05/02/2008 01:15	56.3	73.4	58.5	47.5
05/02/2008 01:30	54.2	72.0	55.3	45.3
05/02/2008 01:45	52.6	70.5	53.1	44.1
05/02/2008 02:00	45.4	53.1	47.8	42.9
05/02/2008 02:15	50.9	69.3	50.8	43.8
05/02/2008 02:30	53.9	72.8	50.8	42.2
05/02/2008 02:45	43.8	62.8	44.5	42.7
05/02/2008 03:00	45.1	67.2	45.7	43.0
05/02/2008 03:15	45.2	62.2	45.8	42.8
05/02/2008 03:30	44.7	48.5	45.6	43.8
05/02/2008 03:45	46.2	66.7	46.9	44.0
05/02/2008 04:00	47.0	62.2	46.5	43.4
05/02/2008 04:15	51.6	67.8	51.0	43.8
05/02/2008 04:30	52.2	68.6	53.1	43.5
05/02/2008 04:45	46.3	68.9	46.6	43.8
05/02/2008 05:00	48.8	64.7	47.7	44.3
05/02/2008 05:15	51.0	68.1	50.9	45.3
05/02/2008 05:30	51.0	67.8	51.5	45.1
05/02/2008 05:45	50.8	68.6	51.6	45.9
05/02/2008 06:00	52.5	67.9	55.5	46.3
05/02/2008 06:15	51.6	65.9	53.3	46.7
05/02/2008 06:30	54.1	71.0	57.6	47.5
05/02/2008 06:45	58.2	71.3	62.3	47.5
05/02/2008 07:00	60.3	74.2	63.8	52.8
05/02/2008 07:15	60.2	78.2	63.0	54.5
05/02/2008 07:30	59.3	77.7	61.2	54.2
05/02/2008 07:45	59.2	75.2	61.6	55.0
05/02/2008 08:00	59.3	76.8	62.1	53.6
05/02/2008 08:15	58.1	68.9	60.9	53.4
05/02/2008 08:30	58.4	66.9	60.9	54.4
05/02/2008 08:45	56.4	75.8	59.2	51.6
05/02/2008 09:00	59.0	81.4	61.4	54.0
05/02/2008 09:15	66.5	80.2	71.9	55.2
05/02/2008 09:30	72.2	84.3	74.9	68.2
05/02/2008 09:45	72.1	80.1	74.3	68.5
05/02/2008 10:00	70.5	78.0	73.7	54.8
05/02/2008 10:15	57.4	69.1	60.8	51.0
05/02/2008 10:30	59.4	85.0	61.1	51.9
05/02/2008 10:45	58.3	72.4	62.0	51.3
05/02/2008 11:00	57.9	70.0	60.9	52.4
05/02/2008 11:15	60.2	80.8	61.3	51.8
05/02/2008 11:30	57.2	74.9	60.8	51.1
05/02/2008 11:45	55.9	67.6	58.2	52.1
05/02/2008 12:00	60.1	84.6	61.5	52.7
05/02/2008 12:15	55.6	67.6	58.4	50.1

05/02/2008 12:30	55.6	68.2	59.1	49.9
05/02/2008 12:45	58.4	72.1	62.1	51.5
05/02/2008 13:00	58.3	71.4	61.6	53.6
05/02/2008 13:15	58.6	69.2	61.4	54.5
05/02/2008 13:30	57.5	73.4	59.4	53.7
05/02/2008 13:45	59.6	78.6	62.2	54.8
05/02/2008 14:00	59.3	72.5	62.0	54.8
05/02/2008 14:15	56.9	73.1	59.7	51.6
05/02/2008 14:30	56.8	71.9	60.0	50.5
05/02/2008 14:45	57.3	69.9	60.1	51.4
05/02/2008 15:00	57.2	69.8	60.1	52.8
05/02/2008 15:15	58.0	70.2	60.5	53.7
05/02/2008 15:30	58.7	70.9	61.4	54.7
05/02/2008 15:45	61.7	80.6	63.1	54.5
05/02/2008 16:00	56.5	68.9	59.0	52.4
05/02/2008 16:15	56.9	70.8	59.3	51.6
05/02/2008 16:30	57.2	74.3	60.4	51.0
05/02/2008 16:45	55.6	71.9	57.4	51.1
05/02/2008 17:00	57.0	79.5	58.2	49.7
05/02/2008 17:15	54.4	70.8	57.3	49.3
05/02/2008 17:30	55.3	73.6	57.6	47.9
05/02/2008 17:45	52.1	67.5	53.8	47.7
05/02/2008 18:00	51.9	66.7	52.9	46.6
05/02/2008 18:15	49.9	64.7	51.6	46.6
05/02/2008 18:30	51.5	68.9	53.7	46.6
05/02/2008 18:45	54.1	70.6	57.6	46.9
05/02/2008 19:00	51.4	66.7	52.6	45.7
05/02/2008 19:15	52.6	69.9	54.0	45.9
05/02/2008 19:30	53.3	66.7	56.1	49.2
05/02/2008 19:45	54.2	65.6	56.7	49.9
05/02/2008 20:00	56.0	67.3	59.3	51.1
05/02/2008 20:15	54.5	67.6	57.2	50.2
05/02/2008 20:30	55.3	64.6	57.6	51.7
05/02/2008 20:45	54.2	69.1	57.5	45.9
05/02/2008 21:00	51.8	67.2	54.5	45.9
05/02/2008 21:15	48.9	62.5	50.7	45.0
05/02/2008 21:30	51.0	64.9	54.2	45.3
05/02/2008 21:45	51.0	68.6	51.7	45.4
05/02/2008 22:00	51.2	67.1	50.6	45.6
05/02/2008 22:15	49.7	64.5	49.9	45.4
05/02/2008 22:30	48.9	62.6	51.5	44.7
05/02/2008 22:45	48.8	62.4	51.2	44.7
05/02/2008 23:00	47.0	59.4	49.2	44.2
05/02/2008 23:15	50.9	66.7	51.7	45.7
05/02/2008 23:30	47.8	59.7	50.6	43.8
05/02/2008 23:45	45.2	56.7	46.1	43.6
06/02/2008 00:00	46.9	59.2	48.1	44.1
06/02/2008 00:15	47.8	62.9	48.9	44.6
06/02/2008 00:30	49.8	69.2	49.8	44.6
06/02/2008 00:45	47.5	58.2	50.5	44.5
06/02/2008 01:00	56.6	68.9	60.0	49.7
06/02/2008 01:15	60.0	72.0	63.6	52.1
06/02/2008 01:30	55.5	67.4	59.3	46.6
06/02/2008 01:45	49.3	61.4	51.7	46.0
06/02/2008 02:00	51.8	65.3	54.2	46.2
06/02/2008 02:15	51.3	62.2	54.6	47.0

06/02/2008 02:30	48.5	60.3	50.6	45.8
06/02/2008 02:45	50.2	64.0	51.7	45.6
06/02/2008 03:00	47.3	55.3	49.2	45.0
06/02/2008 03:15	50.4	60.7	53.6	45.4
06/02/2008 03:30	52.6	61.7	55.8	48.1
06/02/2008 03:45	52.8	62.8	55.7	48.8
06/02/2008 04:00	50.5	60.3	53.6	46.2
06/02/2008 04:15	50.5	62.3	53.9	45.0
06/02/2008 04:30	48.2	57.9	50.8	44.7
06/02/2008 04:45	47.4	66.6	48.6	43.2
06/02/2008 05:00	48.7	61.7	50.6	43.2
06/02/2008 05:15	48.9	63.6	50.2	43.5
06/02/2008 05:30	48.9	67.3	50.0	44.6
06/02/2008 05:45	47.3	63.4	48.7	44.5
06/02/2008 06:00	50.9	63.1	54.7	44.6
06/02/2008 06:15	49.8	67.0	51.7	44.9
06/02/2008 06:30	53.5	70.2	56.1	46.9
06/02/2008 06:45	57.7	72.9	61.3	47.8
06/02/2008 07:00	60.4	74.9	63.1	54.4
06/02/2008 07:15	60.8	82.6	63.3	53.3
06/02/2008 07:30	60.9	75.5	64.1	54.7
06/02/2008 07:45	60.6	72.4	63.4	55.6
06/02/2008 08:00	60.3	72.2	62.9	55.4
06/02/2008 08:15	59.0	72.1	62.1	53.9
06/02/2008 08:30	58.9	79.0	61.7	54.1
06/02/2008 08:45	58.9	83.8	61.1	54.1
06/02/2008 09:00	59.1	74.1	62.3	53.3
06/02/2008 09:15	59.3	73.7	62.4	53.9
06/02/2008 09:30	59.5	74.2	62.5	53.5
06/02/2008 09:45	60.6	78.4	63.2	54.6
06/02/2008 10:00	60.4	83.5	62.6	53.1
06/02/2008 10:15	62.4	86.1	61.9	50.4
06/02/2008 10:30	58.8	71.3	62.1	51.7
06/02/2008 10:45	58.6	72.4	61.6	52.8
06/02/2008 11:00	59.1	69.9	62.5	54.2
06/02/2008 11:15	61.4	77.6	64.7	53.3
06/02/2008 11:30	59.1	71.8	62.8	52.8
06/02/2008 11:45	59.5	71.7	62.3	53.4
06/02/2008 12:00	61.4	85.1	62.4	53.0
06/02/2008 12:15	59.2	71.9	62.2	53.4
06/02/2008 12:30	58.6	68.2	61.7	52.1
06/02/2008 12:45	59.0	72.2	62.3	53.9
06/02/2008 13:00	58.3	68.2	62.0	51.7
06/02/2008 13:15	57.8	77.3	60.4	52.8
06/02/2008 13:30	58.9	79.4	61.9	52.9
06/02/2008 13:45	57.6	71.6	60.8	52.0
06/02/2008 14:00	58.9	76.3	62.3	50.7
06/02/2008 14:15	58.4	75.0	62.0	51.0
06/02/2008 14:30	58.1	75.4	61.2	51.9
06/02/2008 14:45	57.5	84.3	59.8	48.6
06/02/2008 15:00	57.6	72.4	60.2	52.5
06/02/2008 15:15	56.1	68.8	59.3	48.6
06/02/2008 15:30	59.7	80.5	62.1	50.1
06/02/2008 15:45	55.9	79.4	59.8	48.8
06/02/2008 16:00	56.7	76.7	59.5	49.5
06/02/2008 16:15	55.3	68.0	58.7	48.6

06/02/2008 16:30	60.6	81.0	58.5	46.4
06/02/2008 16:45	53.0	69.4	53.6	48.7
06/02/2008 17:00	57.3	72.8	60.9	47.7
06/02/2008 17:15	58.6	77.4	60.4	48.6
06/02/2008 17:30	55.7	71.7	58.5	47.2
06/02/2008 17:45	55.0	73.1	56.3	44.7
06/02/2008 18:00	61.3	77.8	65.3	42.9
06/02/2008 18:15	52.9	67.5	56.3	41.9
06/02/2008 18:30	57.8	77.5	55.5	42.3
06/02/2008 18:45	60.7	77.4	63.4	41.7
06/02/2008 19:00	55.8	71.5	58.7	44.6
06/02/2008 19:15	51.7	68.1	53.5	44.3
06/02/2008 19:30	57.9	74.8	58.4	44.2
06/02/2008 19:45	54.2	70.2	55.2	44.7
06/02/2008 20:00	54.8	73.7	52.5	44.7
06/02/2008 20:15	53.8	68.3	56.5	45.8
06/02/2008 20:30	53.7	69.2	55.8	45.3
06/02/2008 20:45	48.6	66.5	49.3	44.2
06/02/2008 21:00	52.3	66.5	54.2	44.3
06/02/2008 21:15	51.8	67.8	50.1	42.8
06/02/2008 21:30	51.1	63.5	55.2	44.8
06/02/2008 21:45	56.1	75.3	51.4	45.0
06/02/2008 22:00	49.4	65.8	49.5	44.1
06/02/2008 22:15	52.9	71.1	48.2	43.8
06/02/2008 22:30	53.4	71.6	49.3	44.3
06/02/2008 22:45	49.2	64.7	52.6	43.8
06/02/2008 23:00	56.8	75.6	49.3	44.9
06/02/2008 23:15	51.7	69.4	47.1	44.3
06/02/2008 23:30	51.9	70.6	49.3	44.4
06/02/2008 23:45	50.7	69.3	46.6	44.4
07/02/2008 00:00	49.9	66.9	48.5	44.8
07/02/2008 00:15	49.7	65.3	52.2	44.5
07/02/2008 00:30	52.6	69.2	49.8	45.4
07/02/2008 00:45	52.1	66.4	56.3	44.9
07/02/2008 01:00	51.9	68.6	54.2	43.6
07/02/2008 01:15	58.4	72.8	61.4	43.7
07/02/2008 01:30	44.5	65.2	45.0	42.4
07/02/2008 01:45	44.9	59.2	46.4	42.8
07/02/2008 02:00	44.8	60.1	45.9	42.9
07/02/2008 02:15	58.2	77.1	47.3	42.4
07/02/2008 02:30	43.6	54.2	44.6	42.2
07/02/2008 02:45	52.0	69.4	46.9	40.7
07/02/2008 03:00	41.4	47.5	42.4	40.3
07/02/2008 03:15	40.9	53.8	41.8	39.8
07/02/2008 03:30	47.2	63.5	45.3	40.6
07/02/2008 03:45	42.0	52.1	43.4	40.5
07/02/2008 04:00	50.5	70.4	44.0	40.1
07/02/2008 04:15	43.9	66.4	43.6	41.2
07/02/2008 04:30	53.7	70.4	47.6	40.7
07/02/2008 04:45	48.2	63.9	46.9	40.5
07/02/2008 05:00	54.5	73.2	47.8	40.7
07/02/2008 05:15	53.4	69.2	53.7	41.0
07/02/2008 05:30	52.8	67.7	53.0	41.7
07/02/2008 05:45	48.6	69.0	48.4	43.2
07/02/2008 06:00	46.1	59.3	47.1	43.7
07/02/2008 06:15	51.1	67.3	54.8	44.4

07/02/2008 06:30	55.5	70.1	60.3	45.8
07/02/2008 06:45	58.9	73.2	63.4	46.4
07/02/2008 07:00	59.7	73.4	64.4	48.0
07/02/2008 07:15	57.4	73.1	61.4	48.4
07/02/2008 07:30	56.7	73.4	60.5	49.4
07/02/2008 07:45	57.5	75.9	61.0	49.8
07/02/2008 08:00	56.0	68.0	60.1	49.6
07/02/2008 08:15	56.9	70.9	61.0	50.1
07/02/2008 08:30	60.1	80.7	61.5	47.8
07/02/2008 08:45	56.3	77.1	59.5	48.3
07/02/2008 09:00	56.1	69.8	59.8	49.2
07/02/2008 09:15	60.3	84.8	61.9	46.8
07/02/2008 09:30	57.7	76.6	62.1	48.0
07/02/2008 09:45	58.2	75.2	62.3	48.9
07/02/2008 10:00	58.7	76.2	63.0	48.3
07/02/2008 10:15	55.8	78.1	59.9	47.2
07/02/2008 10:30	56.3	72.8	60.1	46.9
07/02/2008 10:45	58.4	77.6	62.2	48.3
07/02/2008 11:00	56.5	75.3	59.8	46.7
07/02/2008 11:15	57.8	80.9	59.3	49.9
07/02/2008 11:30	57.0	80.0	59.8	47.6
07/02/2008 11:45	56.1	68.8	59.9	47.5
07/02/2008 12:00	57.0	83.8	59.2	47.1
07/02/2008 12:15	56.8	69.1	60.0	50.4
07/02/2008 12:30	62.8	83.6	64.1	48.4
07/02/2008 12:45	58.4	69.6	61.9	51.3
07/02/2008 13:00	57.5	73.4	60.7	50.6
07/02/2008 13:15	62.8	83.9	62.9	51.1
07/02/2008 13:30	57.4	71.9	60.7	50.1
07/02/2008 13:45	56.6	75.0	59.9	50.3
07/02/2008 14:00	56.9	68.1	60.7	50.4
07/02/2008 14:15	60.2	72.1	62.8	50.2

Job No: JAS4595
 Client: Waste Recycling Group
 Site: Sutton Courtenay
 Survey Location: Haadlands, Main Road, Appleford
 Total Measuring Period: 25/01/2008 12:45 - 07/02/2008 - 14:15

Microphone Height: 1.5m
 Façade Location: No
 Weighting: dB(A)
 Time Weighting: Fast
 Personnel: SH

Date and Time	LAeq	LAmx	LA10	LA90
25/01/2008 12:45	66.4	86.8	68.0	50.6
25/01/2008 13:00	70.4	100.5	69.9	58.5
25/01/2008 13:15	63.3	82.7	62.7	52.4
25/01/2008 13:30	66.2	86.0	66.1	59.6
25/01/2008 13:45	68.0	89.9	58.4	51.4
25/01/2008 14:00	58.7	79.8	58.6	51.2
25/01/2008 14:15	64.1	86.8	62.3	52.3
25/01/2008 14:30	64.7	86.7	62.2	50.4
25/01/2008 14:45	63.8	85.7	58.9	51.5
25/01/2008 15:00	62.1	83.3	59.9	53.1
25/01/2008 15:15	63.5	85.6	58.7	50.9
25/01/2008 15:30	62.4	84.0	58.5	51.8
25/01/2008 15:45	63.7	86.3	58.5	51.1
25/01/2008 16:00	64.7	87.8	62.1	50.4
25/01/2008 16:15	61.7	91.2	62.0	50.3
25/01/2008 16:30	65.0	84.4	55.9	49.2
25/01/2008 16:45	68.6	86.5	58.4	50.2
25/01/2008 17:00	58.8	85.2	54.7	49.8
25/01/2008 17:15	60.5	81.7	54.4	48.2
25/01/2008 17:30	60.3	84.9	52.6	47.1
25/01/2008 17:45	62.4	85.4	53.0	47.2
25/01/2008 18:00	61.2	82.2	53.4	46.9
25/01/2008 18:15	64.8	85.7	53.5	46.8
25/01/2008 18:30	62.9	84.9	54.9	46.3
25/01/2008 18:45	63.4	85.2	53.7	47.3
25/01/2008 19:00	63.9	85.9	54.1	46.3
25/01/2008 19:15	62.5	83.8	53.1	46.5
25/01/2008 19:30	64.1	85.5	54.1	46.6
25/01/2008 19:45	63.9	86.8	53.7	46.9
25/01/2008 20:00	67.9	89.8	54.5	47.2
25/01/2008 20:15	53.1	74.9	51.1	45.3
25/01/2008 20:30	62.5	86.3	50.5	44.6
25/01/2008 20:45	64.4	85.8	52.1	43.7
25/01/2008 21:00	63.9	86.1	49.8	43.0
25/01/2008 21:15	55.4	77.8	48.8	44.1
25/01/2008 21:30	58.7	78.8	49.9	43.6
25/01/2008 21:45	63.6	86.1	48.8	43.7
25/01/2008 22:00	53.5	76.2	48.2	43.6
25/01/2008 22:15	54.8	79.6	47.6	43.0
25/01/2008 22:30	64.4	85.4	49.4	42.9
25/01/2008 22:45	66.4	88.7	51.5	42.8
25/01/2008 23:00	58.0	80.1	48.4	43.3

25/01/2008 23:15	57.4	80.1	49.0	43.3
25/01/2008 23:30	50.8	76.6	48.0	43.2
25/01/2008 23:45	61.3	82.1	60.1	42.8
26/01/2008 00:00	60.7	83.6	49.5	43.3
26/01/2008 00:15	60.6	80.8	61.2	42.9
26/01/2008 00:30	66.8	86.9	70.1	43.5
26/01/2008 00:45	57.0	77.1	52.7	41.5
26/01/2008 01:00	61.3	84.1	44.8	41.0
26/01/2008 01:15	52.2	76.9	45.1	41.4
26/01/2008 01:30	42.4	53.2	43.8	40.9
26/01/2008 01:45	42.6	57.9	43.5	40.8
26/01/2008 02:00	58.7	82.0	44.6	41.4
26/01/2008 02:15	42.6	54.7	43.5	41.3
26/01/2008 02:30	65.1	87.5	44.2	41.5
26/01/2008 02:45	42.7	59.3	43.4	41.0
26/01/2008 03:00	42.7	53.9	43.9	41.3
26/01/2008 03:15	65.4	87.5	48.8	42.2
26/01/2008 03:30	43.1	57.0	44.0	41.9
26/01/2008 03:45	58.7	81.3	43.9	41.6
26/01/2008 04:00	55.6	81.7	45.4	42.1
26/01/2008 04:15	60.1	84.6	45.9	43.1
26/01/2008 04:30	53.3	73.2	46.9	43.7
26/01/2008 04:45	62.7	84.3	48.9	44.2
26/01/2008 05:00	47.1	62.3	48.5	45.1
26/01/2008 05:15	65.1	85.2	51.1	45.5
26/01/2008 05:30	49.8	73.0	47.9	44.5
26/01/2008 05:45	47.3	59.5	48.7	45.6
26/01/2008 06:00	57.8	81.7	47.5	43.7
26/01/2008 06:15	49.1	72.3	46.0	42.9
26/01/2008 06:30	66.2	89.0	52.5	43.6
26/01/2008 06:45	60.8	83.7	53.6	44.4
26/01/2008 07:00	59.3	82.6	52.5	47.2
26/01/2008 07:15	58.7	79.8	53.9	48.4
26/01/2008 07:30	61.4	82.1	54.3	48.2
26/01/2008 07:45	57.6	83.8	53.2	48.0
26/01/2008 08:00	57.4	78.0	54.7	49.4
26/01/2008 08:15	63.9	86.2	57.1	50.4
26/01/2008 08:30	63.5	84.7	55.7	49.7
26/01/2008 08:45	63.1	83.2	56.1	50.0
26/01/2008 09:00	63.1	82.1	56.2	48.9
26/01/2008 09:15	60.0	84.4	54.4	48.5
26/01/2008 09:30	59.1	81.6	54.5	48.7
26/01/2008 09:45	63.7	85.9	57.5	48.6
26/01/2008 10:00	63.2	88.2	56.7	49.6
26/01/2008 10:15	61.6	88.2	55.2	48.9
26/01/2008 10:30	61.2	84.1	54.9	48.7
26/01/2008 10:45	60.1	83.2	54.9	48.6
26/01/2008 11:00	66.1	91.7	55.4	49.4
26/01/2008 11:15	60.5	82.3	56.7	49.1
26/01/2008 11:30	67.5	88.5	58.7	49.4
26/01/2008 11:45	66.8	89.7	56.5	49.3
26/01/2008 12:00	67.7	87.7	61.2	51.0
26/01/2008 12:15	59.7	81.9	55.6	50.3
26/01/2008 12:30	61.5	83.8	55.4	49.0
26/01/2008 12:45	58.8	81.7	55.7	47.7
26/01/2008 13:00	65.4	90.1	53.9	46.7

26/01/2008 13:15	56.8	76.8	54.3	46.2
26/01/2008 13:30	55.1	76.3	52.6	45.0
26/01/2008 13:45	64.6	88.3	53.3	45.0
26/01/2008 14:00	64.9	88.7	54.9	47.8
26/01/2008 14:15	66.5	89.1	57.9	46.3
26/01/2008 14:30	65.5	85.9	56.2	48.1
26/01/2008 14:45	59.7	84.5	55.5	49.1
26/01/2008 15:00	63.3	89.0	54.0	45.9
26/01/2008 15:15	57.2	79.3	52.0	45.7
26/01/2008 15:30	64.5	85.1	54.0	45.2
26/01/2008 15:45	58.4	80.6	52.7	45.2
26/01/2008 16:00	62.6	89.1	52.4	44.7
26/01/2008 16:15	59.3	83.4	53.4	44.1
26/01/2008 16:30	59.6	81.2	52.7	44.1
26/01/2008 16:45	59.0	83.0	51.7	44.7
26/01/2008 17:00	61.7	86.8	53.2	44.8
26/01/2008 17:15	58.5	79.8	51.3	43.8
26/01/2008 17:30	60.0	86.0	50.4	43.7
26/01/2008 17:45	63.1	86.5	51.1	43.5
26/01/2008 18:00	65.9	90.3	51.7	43.3
26/01/2008 18:15	59.1	77.6	51.0	43.7
26/01/2008 18:30	60.1	85.3	50.4	43.5
26/01/2008 18:45	61.0	82.0	51.4	43.9
26/01/2008 19:00	60.6	86.5	48.5	42.9
26/01/2008 19:15	62.0	86.2	49.0	43.2
26/01/2008 19:30	57.8	80.7	50.3	43.3
26/01/2008 19:45	58.9	85.3	48.0	42.8
26/01/2008 20:00	52.6	75.4	46.6	42.1
26/01/2008 20:15	62.9	84.8	47.4	42.2
26/01/2008 20:30	60.2	81.8	48.7	42.4
26/01/2008 20:45	49.4	70.9	46.2	43.2
26/01/2008 21:00	62.0	83.9	48.9	43.7
26/01/2008 21:15	60.6	82.4	48.0	42.9
26/01/2008 21:30	58.2	85.1	46.5	42.9
26/01/2008 21:45	53.5	77.0	45.9	43.2
26/01/2008 22:00	54.6	77.9	46.8	42.9
26/01/2008 22:15	55.0	78.6	46.4	43.1
26/01/2008 22:30	53.7	77.0	47.6	43.7
26/01/2008 22:45	57.0	82.7	48.4	45.1
26/01/2008 23:00	61.6	85.7	47.3	44.0
26/01/2008 23:15	53.0	78.1	46.5	42.8
26/01/2008 23:30	44.8	60.4	45.6	42.6
26/01/2008 23:45	44.3	55.4	45.1	42.6
27/01/2008 00:00	44.3	56.6	45.2	42.9
27/01/2008 00:15	44.0	56.0	44.8	42.6
27/01/2008 00:30	44.3	56.3	45.2	42.6
27/01/2008 00:45	44.1	61.5	44.7	42.5
27/01/2008 01:00	43.5	54.5	44.3	42.2
27/01/2008 01:15	43.6	59.2	44.3	42.1
27/01/2008 01:30	44.0	56.2	45.1	42.5
27/01/2008 01:45	44.0	56.9	44.8	42.4
27/01/2008 02:00	43.8	56.3	44.5	42.6
27/01/2008 02:15	43.8	53.1	44.7	42.5
27/01/2008 02:30	44.3	57.7	45.5	42.5
27/01/2008 02:45	44.6	56.5	46.1	42.7
27/01/2008 03:00	43.3	56.4	44.3	41.7

27/01/2008 03:15	43.3	56.0	44.3	42.1
27/01/2008 03:30	42.9	56.8	43.8	41.6
27/01/2008 03:45	42.8	55.9	43.7	41.6
27/01/2008 04:00	43.3	62.3	44.0	41.6
27/01/2008 04:15	43.2	56.3	44.2	42.0
27/01/2008 04:30	43.6	53.9	44.5	42.6
27/01/2008 04:45	44.2	58.0	45.2	42.9
27/01/2008 05:00	44.7	59.5	45.8	43.1
27/01/2008 05:15	43.7	55.9	44.7	42.6
27/01/2008 05:30	45.1	61.7	46.6	43.0
27/01/2008 05:45	45.7	57.2	47.2	43.8
27/01/2008 06:00	44.0	56.9	45.0	42.6
27/01/2008 06:15	44.5	58.8	45.5	42.7
27/01/2008 06:30	44.5	66.4	45.1	42.6
27/01/2008 06:45	45.2	60.1	46.3	42.7
27/01/2008 07:00	48.6	68.6	51.3	43.9
27/01/2008 07:15	48.8	64.7	52.0	43.8
27/01/2008 07:30	47.4	60.8	49.7	44.4
27/01/2008 07:45	46.7	60.7	48.7	43.7
27/01/2008 08:00	49.2	69.7	51.1	44.1
27/01/2008 08:15	48.4	69.8	51.1	44.4
27/01/2008 08:30	48.6	63.9	51.1	44.8
27/01/2008 08:45	47.7	62.1	49.9	44.3
27/01/2008 09:00	55.0	77.8	54.5	44.1
27/01/2008 09:15	53.6	75.2	55.0	44.7
27/01/2008 09:30	50.2	68.8	52.4	44.2
27/01/2008 09:45	59.9	84.7	53.9	44.9
27/01/2008 10:00	56.7	87.7	52.9	44.2
27/01/2008 10:15	60.2	80.5	55.4	44.7
27/01/2008 10:30	52.7	75.5	53.9	44.0
27/01/2008 10:45	52.5	78.3	52.9	43.6
27/01/2008 11:00	54.5	77.4	53.8	43.4
27/01/2008 11:15	59.3	81.9	54.9	44.2
27/01/2008 11:30	64.1	89.1	52.4	44.2
27/01/2008 11:45	63.1	87.6	56.3	44.1
27/01/2008 12:00	53.1	77.2	51.5	43.0
27/01/2008 12:15	56.5	80.7	52.0	42.8
27/01/2008 12:30	55.4	77.7	53.2	42.7
27/01/2008 12:45	55.9	80.1	50.5	42.6
27/01/2008 13:00	57.9	81.1	52.6	42.5
27/01/2008 13:15	64.8	83.9	52.6	41.2
27/01/2008 13:30	62.5	83.9	52.3	41.6
27/01/2008 13:45	57.1	79.6	50.5	41.8
27/01/2008 14:00	54.6	78.7	51.9	42.0
27/01/2008 14:15	60.3	86.9	51.2	40.7
27/01/2008 14:30	57.3	80.6	53.8	41.6
27/01/2008 14:45	58.0	82.4	51.3	40.4
27/01/2008 15:00	50.7	74.0	51.5	42.6
27/01/2008 15:15	58.8	81.8	52.6	41.3
27/01/2008 15:30	58.7	79.2	54.7	43.8
27/01/2008 15:45	56.9	81.2	53.7	42.7
27/01/2008 16:00	57.0	81.4	52.7	42.1
27/01/2008 16:15	61.0	85.5	51.3	42.6
27/01/2008 16:30	58.0	79.5	54.5	42.5
27/01/2008 16:45	65.7	90.6	54.3	43.2
27/01/2008 17:00	61.1	85.2	54.6	43.5

27/01/2008 17:15	55.9	79.0	52.6	41.8
27/01/2008 17:30	58.1	84.6	47.9	41.9
27/01/2008 17:45	59.2	83.4	48.0	41.6
27/01/2008 18:00	54.8	80.4	47.7	41.3
27/01/2008 18:15	58.1	78.8	49.8	42.2
27/01/2008 18:30	51.3	76.1	46.9	41.9
27/01/2008 18:45	60.0	84.2	48.5	41.7
27/01/2008 19:00	53.5	76.8	46.8	41.7
27/01/2008 19:15	57.8	80.6	46.4	41.5
27/01/2008 19:30	57.6	81.9	47.8	41.7
27/01/2008 19:45	45.1	60.0	46.5	42.2
27/01/2008 20:00	60.9	84.1	49.9	42.3
27/01/2008 20:15	62.8	85.3	49.1	42.7
27/01/2008 20:30	58.8	81.6	46.2	42.7
27/01/2008 20:45	56.3	81.6	45.9	42.4
27/01/2008 21:00	56.4	78.8	45.9	42.6
27/01/2008 21:15	60.9	86.3	47.6	43.6
27/01/2008 21:30	59.9	83.4	46.8	43.5
27/01/2008 21:45	53.1	77.4	46.2	39.9
27/01/2008 22:00	54.4	78.7	43.2	38.5
27/01/2008 22:15	64.3	89.5	46.4	38.2
27/01/2008 22:30	61.9	85.8	45.2	37.3
27/01/2008 22:45	49.8	75.6	43.9	37.3
27/01/2008 23:00	50.6	75.5	41.6	37.8
27/01/2008 23:15	50.2	76.4	42.6	38.0
27/01/2008 23:30	51.7	77.0	42.6	37.6
27/01/2008 23:45	46.7	74.0	40.7	37.2
28/01/2008 00:00	39.1	57.2	39.8	37.2
28/01/2008 00:15	51.8	77.1	41.0	38.0
28/01/2008 00:30	51.3	77.1	39.1	36.9
28/01/2008 00:45	36.9	48.8	37.8	35.9
28/01/2008 01:00	37.1	56.6	37.5	35.4
28/01/2008 01:15	36.0	56.8	36.2	33.5
28/01/2008 01:30	35.0	47.5	35.8	34.0
28/01/2008 01:45	55.2	77.3	36.3	32.8
28/01/2008 02:00	33.7	49.9	34.7	32.2
28/01/2008 02:15	33.9	44.9	34.8	32.7
28/01/2008 02:30	59.5	82.2	37.3	33.8
28/01/2008 02:45	35.1	49.8	36.2	33.6
28/01/2008 03:00	36.2	51.4	37.5	34.6
28/01/2008 03:15	37.7	50.5	39.0	36.2
28/01/2008 03:30	62.1	84.0	42.3	36.2
28/01/2008 03:45	38.2	56.8	39.0	36.4
28/01/2008 04:00	49.8	75.9	39.6	36.7
28/01/2008 04:15	59.6	85.0	40.1	35.0
28/01/2008 04:30	58.9	82.9	38.3	32.5
28/01/2008 04:45	37.3	55.4	38.6	33.5
28/01/2008 05:00	58.6	81.4	37.3	33.8
28/01/2008 05:15	60.5	82.0	41.3	35.5
28/01/2008 05:30	39.8	59.1	40.4	36.4
28/01/2008 05:45	53.3	79.0	42.6	38.3
28/01/2008 06:00	61.8	87.4	46.8	38.7
28/01/2008 06:15	67.6	89.4	53.9	42.5
28/01/2008 06:30	63.0	84.0	51.5	42.8
28/01/2008 06:45	59.5	80.7	50.4	42.7
28/01/2008 07:00	57.9	80.4	52.7	43.3

28/01/2008 07:15	63.6	84.6	61.5	47.0
28/01/2008 07:30	62.8	80.9	57.3	49.1
28/01/2008 07:45	66.0	86.5	60.3	50.3
28/01/2008 08:00	61.8	87.1	56.3	49.1
28/01/2008 08:15	61.9	82.1	61.7	48.7
28/01/2008 08:30	62.3	78.3	62.4	60.9
28/01/2008 08:45	64.2	82.7	62.5	61.0
28/01/2008 09:00	65.5	86.6	62.8	61.2
28/01/2008 09:15	66.2	87.4	63.9	61.5
28/01/2008 09:30	62.3	79.2	62.6	61.3
28/01/2008 09:45	68.5	87.0	66.8	61.2
28/01/2008 10:00	62.0	84.7	57.9	44.4
28/01/2008 10:15	61.6	81.1	56.8	44.7
28/01/2008 10:30	65.5	90.7	59.8	42.8
28/01/2008 10:45	62.9	83.8	53.0	42.6
28/01/2008 11:00	61.0	81.2	55.8	42.1
28/01/2008 11:15	65.5	85.2	58.3	41.2
28/01/2008 11:30	66.2	85.2	54.9	41.7
28/01/2008 11:45	58.8	80.6	58.7	43.4
28/01/2008 12:00	63.2	80.6	62.1	46.3
28/01/2008 12:15	60.6	82.1	58.6	48.6
28/01/2008 12:30	67.3	86.1	63.6	51.2
28/01/2008 12:45	62.5	83.6	55.3	47.4
28/01/2008 13:00	66.9	85.7	63.1	48.0
28/01/2008 13:15	64.2	85.7	59.6	49.1
28/01/2008 13:30	61.1	79.8	59.8	49.0
28/01/2008 13:45	55.8	76.4	57.5	48.5
28/01/2008 14:00	61.9	86.4	57.8	47.9
28/01/2008 14:15	65.2	84.0	65.4	51.8
28/01/2008 14:30	65.3	87.2	61.0	49.3
28/01/2008 14:45	61.4	86.4	58.7	49.4
28/01/2008 15:00	63.2	85.0	61.2	50.0
28/01/2008 15:15	63.2	83.1	62.0	50.1
28/01/2008 15:30	63.1	87.6	57.5	47.9
28/01/2008 15:45	64.6	85.7	61.7	47.9
28/01/2008 16:00	64.6	85.7	57.8	46.9
28/01/2008 16:15	60.9	86.2	53.1	46.3
28/01/2008 16:30	63.8	84.2	55.7	46.2
28/01/2008 16:45	63.0	81.9	55.5	46.5
28/01/2008 17:00	61.9	86.0	54.6	46.8
28/01/2008 17:15	58.7	82.7	52.7	45.9
28/01/2008 17:30	63.1	85.7	54.6	45.7
28/01/2008 17:45	64.4	90.4	54.4	44.5
28/01/2008 18:00	66.3	87.6	57.4	44.0
28/01/2008 18:15	66.1	88.9	54.9	44.0
28/01/2008 18:30	61.8	85.9	50.0	43.3
28/01/2008 18:45	67.1	85.3	69.9	43.5
28/01/2008 19:00	63.1	86.5	52.2	43.2
28/01/2008 19:15	62.2	82.6	53.9	42.5
28/01/2008 19:30	62.6	85.6	53.3	42.8
28/01/2008 19:45	63.1	85.8	50.2	42.6
28/01/2008 20:00	64.3	82.6	53.3	41.8
28/01/2008 20:15	55.4	80.3	46.5	41.1
28/01/2008 20:30	62.8	86.9	47.0	40.6
28/01/2008 20:45	65.5	85.1	52.8	40.9
28/01/2008 21:00	58.2	80.2	49.4	40.5

28/01/2008 21:15	60.1	83.9	49.1	41.1
28/01/2008 21:30	64.7	87.1	49.0	42.1
28/01/2008 21:45	65.8	85.9	50.9	42.7
28/01/2008 22:00	56.0	77.5	53.2	43.3
28/01/2008 22:15	60.0	88.9	46.7	42.7
28/01/2008 22:30	62.4	83.2	46.9	42.6
28/01/2008 22:45	63.2	89.6	47.5	42.5
28/01/2008 23:00	57.9	78.4	49.1	42.6
28/01/2008 23:15	63.7	87.9	46.4	41.8
28/01/2008 23:30	55.5	79.6	45.7	42.3
28/01/2008 23:45	52.3	76.9	45.3	42.4
29/01/2008 00:00	62.3	86.6	47.8	43.2
29/01/2008 00:15	57.3	77.2	57.9	43.8
29/01/2008 00:30	61.0	84.4	59.7	44.5
29/01/2008 00:45	65.5	85.5	50.4	44.7
29/01/2008 01:00	63.1	82.5	64.8	45.4
29/01/2008 01:15	61.8	83.1	49.0	45.0
29/01/2008 01:30	46.6	56.6	47.7	45.2
29/01/2008 01:45	62.3	86.6	47.5	45.1
29/01/2008 02:00	45.9	49.3	47.0	44.9
29/01/2008 02:15	45.8	59.9	46.6	44.4
29/01/2008 02:30	64.8	85.8	49.7	44.7
29/01/2008 02:45	45.8	51.4	46.8	44.9
29/01/2008 03:00	46.2	60.3	47.4	44.8
29/01/2008 03:15	64.6	87.2	48.6	45.0
29/01/2008 03:30	46.2	56.8	47.2	44.9
29/01/2008 03:45	63.1	84.5	47.9	45.0
29/01/2008 04:00	61.3	85.4	48.1	45.3
29/01/2008 04:15	45.9	57.4	47.0	44.5
29/01/2008 04:30	61.9	84.1	51.3	44.5
29/01/2008 04:45	46.1	56.7	47.0	44.8
29/01/2008 05:00	64.5	86.2	49.5	44.8
29/01/2008 05:15	63.2	83.3	49.0	44.9
29/01/2008 05:30	46.9	61.5	48.1	45.2
29/01/2008 05:45	46.9	61.2	48.1	44.8
29/01/2008 06:00	61.3	85.1	51.8	46.0
29/01/2008 06:15	64.1	88.2	51.1	46.9
29/01/2008 06:30	59.0	85.1	51.3	47.3
29/01/2008 06:45	65.3	89.3	53.0	48.2
29/01/2008 07:00	63.0	85.0	57.6	49.6
29/01/2008 07:15	68.6	94.2	61.4	52.2
29/01/2008 07:30	62.9	84.5	60.2	51.9
29/01/2008 07:45	65.9	86.2	61.1	51.5
29/01/2008 08:00	60.7	80.7	61.5	51.0
29/01/2008 08:15	62.2	83.0	59.2	51.2
29/01/2008 08:30	61.3	82.2	58.1	51.0
29/01/2008 08:45	60.2	82.3	58.9	51.5
29/01/2008 09:00	62.6	84.5	59.6	50.5
29/01/2008 09:15	61.9	81.8	58.4	51.4
29/01/2008 09:30	59.0	84.9	58.4	51.1
29/01/2008 09:45	64.9	89.2	57.0	49.7
29/01/2008 10:00	63.1	85.2	59.1	50.1
29/01/2008 10:15	60.8	80.4	63.9	50.9
29/01/2008 10:30	64.9	85.1	65.8	51.5
29/01/2008 10:45	65.7	87.1	60.2	50.7
29/01/2008 11:00	62.0	82.1	57.1	49.8

29/01/2008 11:15	61.9	79.1	65.3	49.1
29/01/2008 11:30	65.2	88.2	67.5	49.8
29/01/2008 11:45	61.7	82.9	63.4	51.1
29/01/2008 12:00	70.2	86.2	74.7	53.1
29/01/2008 12:15	58.6	81.0	58.2	49.4
29/01/2008 12:30	66.4	85.8	61.6	48.5
29/01/2008 12:45	61.4	86.2	61.6	48.9
29/01/2008 13:00	65.9	86.8	56.8	47.4
29/01/2008 13:15	59.0	81.0	61.3	49.5
29/01/2008 13:30	66.0	85.6	67.9	60.3
29/01/2008 13:45	62.9	85.2	63.1	48.7
29/01/2008 14:00	66.8	86.5	61.3	49.6
29/01/2008 14:15	60.3	85.5	57.6	49.4
29/01/2008 14:30	66.6	87.3	68.2	49.1
29/01/2008 14:45	63.3	82.2	59.3	48.0
29/01/2008 15:00	62.8	86.6	61.1	49.9
29/01/2008 15:15	58.1	80.4	55.9	49.4
29/01/2008 15:30	64.1	82.8	64.1	49.7
29/01/2008 15:45	59.2	81.3	56.2	49.7
29/01/2008 16:00	65.8	85.8	56.0	48.1
29/01/2008 16:15	60.1	80.9	55.7	48.0
29/01/2008 16:30	62.3	83.9	55.4	48.5
29/01/2008 16:45	58.1	84.4	54.6	48.6
29/01/2008 17:00	66.9	86.9	61.3	50.4
29/01/2008 17:15	57.7	79.8	55.8	49.6
29/01/2008 17:30	62.1	83.7	54.5	48.5
29/01/2008 17:45	63.8	86.7	57.8	49.1
29/01/2008 18:00	61.6	87.4	53.2	48.2
29/01/2008 18:15	60.7	84.4	54.2	48.2
29/01/2008 18:30	61.0	79.9	54.7	47.9
29/01/2008 18:45	62.0	80.9	53.7	47.4
29/01/2008 19:00	62.5	88.8	52.8	46.9
29/01/2008 19:15	65.4	89.8	56.2	46.5
29/01/2008 19:30	58.4	79.7	54.2	46.5
29/01/2008 19:45	62.5	85.7	52.0	46.0
29/01/2008 20:00	57.6	79.8	50.0	45.8
29/01/2008 20:15	63.4	85.2	52.0	46.0
29/01/2008 20:30	65.9	84.9	54.7	45.9
29/01/2008 20:45	63.8	85.0	52.1	45.7
29/01/2008 21:00	61.4	86.0	51.3	45.9
29/01/2008 21:15	62.8	85.4	52.6	45.9
29/01/2008 21:30	61.7	84.0	51.5	45.5
29/01/2008 21:45	62.4	86.6	48.8	44.4
29/01/2008 22:00	55.9	80.6	47.7	43.2
29/01/2008 22:15	52.7	75.5	49.9	38.4
29/01/2008 22:30	62.4	83.6	51.7	34.4
29/01/2008 22:45	54.3	78.8	40.9	33.4
29/01/2008 23:00	60.6	84.1	44.6	34.3
29/01/2008 23:15	63.0	86.1	38.8	34.8
29/01/2008 23:30	53.9	77.1	41.9	36.8
29/01/2008 23:45	49.1	75.6	42.6	39.1
30/01/2008 00:00	63.2	87.0	50.4	40.7
30/01/2008 00:15	57.4	77.3	58.8	40.8
30/01/2008 00:30	61.5	83.1	52.2	41.9
30/01/2008 00:45	61.3	81.3	65.9	43.9
30/01/2008 01:00	63.8	85.9	50.9	42.6

30/01/2008 01:15	51.3	76.5	43.8	38.5
30/01/2008 01:30	63.0	85.6	50.6	40.6
30/01/2008 01:45	62.0	82.5	46.5	39.3
30/01/2008 02:00	57.1	83.7	41.8	38.6
30/01/2008 02:15	40.6	59.7	41.7	37.7
30/01/2008 02:30	40.4	59.6	40.7	37.3
30/01/2008 02:45	65.2	86.3	50.6	37.8
30/01/2008 03:00	50.0	75.3	43.1	39.2
30/01/2008 03:15	52.3	71.8	43.1	40.3
30/01/2008 03:30	41.0	53.5	41.9	39.9
30/01/2008 03:45	61.8	84.5	45.5	40.0
30/01/2008 04:00	52.8	77.7	42.0	39.7
30/01/2008 04:15	58.1	82.9	41.4	39.3
30/01/2008 04:30	61.9	85.2	44.4	39.9
30/01/2008 04:45	61.0	82.8	43.6	40.2
30/01/2008 05:00	47.7	73.1	43.1	40.4
30/01/2008 05:15	66.2	87.2	49.5	41.6
30/01/2008 05:30	45.1	61.1	46.8	42.5
30/01/2008 05:45	50.9	74.4	47.9	41.8
30/01/2008 06:00	60.1	81.9	48.3	42.3
30/01/2008 06:15	65.0	84.9	54.3	45.1
30/01/2008 06:30	61.1	85.5	49.6	42.8
30/01/2008 06:45	64.8	86.9	55.6	45.3
30/01/2008 07:00	62.0	84.9	56.1	48.8
30/01/2008 07:15	62.0	82.8	59.4	50.3
30/01/2008 07:30	64.1	88.3	63.5	51.5
30/01/2008 07:45	60.9	80.8	61.4	50.0
30/01/2008 08:00	64.4	87.3	62.3	50.7
30/01/2008 08:15	66.9	87.9	60.2	50.7
30/01/2008 08:30	60.8	81.2	57.3	50.0
30/01/2008 08:45	61.6	87.2	58.0	50.9
30/01/2008 09:00	65.4	87.1	65.1	51.6
30/01/2008 09:15	62.4	83.3	60.0	49.9
30/01/2008 09:30	61.5	80.6	62.5	49.7
30/01/2008 09:45	65.8	89.1	57.4	48.7
30/01/2008 10:00	65.6	87.8	63.4	47.9
30/01/2008 10:15	64.2	84.0	59.5	48.5
30/01/2008 10:30	63.7	84.8	62.4	47.1
30/01/2008 10:45	62.6	82.1	63.0	49.9
30/01/2008 11:00	64.9	86.3	57.7	48.6
30/01/2008 11:15	57.7	78.9	56.8	48.4
30/01/2008 11:30	67.3	91.3	63.4	49.7
30/01/2008 11:45	65.0	86.4	63.0	60.2
30/01/2008 12:00	68.8	88.5	70.0	59.5
30/01/2008 12:15	57.5	79.4	55.3	46.9
30/01/2008 12:30	66.7	87.1	62.5	46.6
30/01/2008 12:45	65.0	87.0	59.0	48.1
30/01/2008 13:00	62.7	84.9	56.1	46.8
30/01/2008 13:15	59.5	80.7	58.1	46.1
30/01/2008 13:30	64.4	87.6	57.1	46.2
30/01/2008 13:45	60.4	81.8	60.9	45.7
30/01/2008 14:00	65.5	86.4	54.2	46.3
30/01/2008 14:15	64.5	87.4	63.8	47.1
30/01/2008 14:30	63.7	84.6	58.7	47.7
30/01/2008 14:45	65.7	89.2	55.7	48.4
30/01/2008 15:00	68.9	92.1	62.1	48.4

30/01/2008 15:15	58.8	81.3	56.6	48.1
30/01/2008 15:30	63.0	85.6	63.5	48.1
30/01/2008 15:45	60.2	82.6	58.2	49.3
30/01/2008 16:00	63.9	88.9	57.1	48.4
30/01/2008 16:15	58.4	77.7	56.2	47.8
30/01/2008 16:30	62.5	83.5	54.8	47.4
30/01/2008 16:45	58.8	81.6	53.4	46.8
30/01/2008 17:00	63.7	87.0	54.3	47.4
30/01/2008 17:15	65.5	84.0	54.3	47.1
30/01/2008 17:30	60.1	83.0	53.1	47.3
30/01/2008 17:45	60.9	83.5	53.7	47.0
30/01/2008 18:00	64.9	87.2	54.0	46.7
30/01/2008 18:15	67.0	91.9	55.1	45.5
30/01/2008 18:30	67.7	86.2	70.4	45.9
30/01/2008 18:45	58.2	79.5	52.3	45.9
30/01/2008 19:00	63.5	85.7	52.5	45.2
30/01/2008 19:15	63.6	82.1	56.3	45.4
30/01/2008 19:30	63.3	85.0	52.7	45.5
30/01/2008 19:45	64.7	85.1	56.6	45.3
30/01/2008 20:00	65.9	87.3	52.9	45.2
30/01/2008 20:15	59.1	79.4	51.8	46.2
30/01/2008 20:30	62.1	83.6	59.5	46.5
30/01/2008 20:45	57.1	82.2	51.0	46.2
30/01/2008 21:00	62.8	83.7	53.1	47.3
30/01/2008 21:15	54.7	77.6	53.5	47.3
30/01/2008 21:30	58.6	80.5	53.0	47.3
30/01/2008 21:45	66.1	86.8	55.1	48.0
30/01/2008 22:00	58.4	79.5	50.4	46.6
30/01/2008 22:15	50.9	74.1	49.7	47.1
30/01/2008 22:30	63.4	84.7	52.9	47.2
30/01/2008 22:45	50.3	69.5	50.2	46.6
30/01/2008 23:00	64.2	87.0	53.0	47.0
30/01/2008 23:15	59.9	81.8	49.6	46.5
30/01/2008 23:30	47.7	54.4	49.0	46.5
30/01/2008 23:45	61.2	84.8	49.4	45.8
31/01/2008 00:00	59.0	87.0	48.2	45.5
31/01/2008 00:15	60.3	82.5	49.2	45.7
31/01/2008 00:30	59.8	82.7	49.4	46.3
31/01/2008 00:45	57.1	75.1	59.6	46.6
31/01/2008 01:00	55.2	74.5	49.0	46.1
31/01/2008 01:15	66.3	84.2	64.5	46.3
31/01/2008 01:30	64.4	86.6	56.8	45.8
31/01/2008 01:45	47.1	59.2	48.0	45.6
31/01/2008 02:00	46.1	50.9	47.1	45.0
31/01/2008 02:15	57.5	82.1	47.3	44.5
31/01/2008 02:30	63.3	84.7	48.7	45.2
31/01/2008 02:45	65.8	87.6	49.5	46.4
31/01/2008 03:00	47.5	58.9	48.6	46.2
31/01/2008 03:15	46.6	60.0	47.8	45.4
31/01/2008 03:30	64.7	83.9	52.9	45.5
31/01/2008 03:45	47.0	60.5	48.3	45.4
31/01/2008 04:00	52.3	79.7	49.6	46.1
31/01/2008 04:15	61.5	82.3	50.6	46.1
31/01/2008 04:30	63.5	85.5	52.1	47.2
31/01/2008 04:45	52.0	83.3	52.3	46.8
31/01/2008 05:00	60.7	82.6	52.0	47.3

31/01/2008 05:15	66.5	87.2	53.7	47.9
31/01/2008 05:30	50.0	66.3	52.0	47.2
31/01/2008 05:45	50.8	63.7	52.4	48.3
31/01/2008 06:00	59.9	88.3	53.6	48.7
31/01/2008 06:15	60.6	83.6	63.1	50.8
31/01/2008 06:30	61.2	89.6	60.8	50.8
31/01/2008 06:45	62.7	86.3	58.0	51.0
31/01/2008 07:00	64.0	85.8	58.6	52.1
31/01/2008 07:15	67.3	89.6	61.4	54.2
31/01/2008 07:30	66.0	89.1	62.2	54.0
31/01/2008 07:45	65.3	89.5	62.4	56.8
31/01/2008 08:00	67.7	91.8	67.5	55.4
31/01/2008 08:15	60.1	81.1	61.0	54.7
31/01/2008 08:30	60.8	80.7	61.6	55.0
31/01/2008 08:45	64.2	87.8	61.7	54.9
31/01/2008 09:00	62.7	83.3	59.4	54.3
31/01/2008 09:15	65.0	84.9	60.8	55.0
31/01/2008 09:30	60.3	82.7	60.2	54.7
31/01/2008 09:45	65.9	87.5	62.6	55.1
31/01/2008 10:00	65.5	84.5	62.4	54.9
31/01/2008 10:15	63.1	85.1	60.9	55.8
31/01/2008 10:30	62.8	81.6	61.0	54.5
31/01/2008 10:45	64.1	84.9	60.6	54.4
31/01/2008 11:00	63.4	85.5	60.3	53.3
31/01/2008 11:15	61.8	85.8	61.6	55.0
31/01/2008 11:30	65.5	84.2	67.2	54.8
31/01/2008 11:45	65.8	88.7	64.3	55.3
31/01/2008 12:00	64.7	86.8	65.3	55.5
31/01/2008 12:15	60.8	81.7	60.0	52.7
31/01/2008 12:30	63.3	83.0	65.1	53.3
31/01/2008 12:45	68.7	88.5	60.4	53.6
31/01/2008 13:00	61.9	83.3	59.7	53.0
31/01/2008 13:15	66.0	89.4	60.4	54.3
31/01/2008 13:30	65.2	84.2	65.0	53.4
31/01/2008 13:45	66.7	87.0	65.2	53.7
31/01/2008 14:00	64.0	83.0	63.8	53.5
31/01/2008 14:15	65.3	86.3	60.6	53.1
31/01/2008 14:30	67.8	91.3	60.0	51.9
31/01/2008 14:45	65.4	84.2	58.9	50.8
31/01/2008 15:00	62.1	84.2	58.0	52.2
31/01/2008 15:15	66.0	89.1	59.8	53.8
31/01/2008 15:30	60.7	83.1	57.5	51.2
31/01/2008 15:45	59.3	82.7	59.4	49.0
31/01/2008 16:00	61.8	85.9	54.4	48.9
31/01/2008 16:15	65.5	89.0	54.8	48.4
31/01/2008 16:30	64.6	88.6	54.1	48.6
31/01/2008 16:45	63.2	85.0	56.2	49.6
31/01/2008 17:00	65.2	88.4	60.0	49.1
31/01/2008 17:15	60.1	80.8	56.1	48.4
31/01/2008 17:30	59.6	84.1	54.4	49.0
31/01/2008 17:45	58.9	78.4	54.3	48.0
31/01/2008 18:00	63.5	84.5	57.1	47.4
31/01/2008 18:15	66.5	86.8	54.8	46.9
31/01/2008 18:30	59.4	82.2	54.0	46.4
31/01/2008 18:45	62.7	83.7	53.6	46.8
31/01/2008 19:00	60.7	83.6	56.4	47.6

31/01/2008 19:15	61.2	84.3	54.0	47.3
31/01/2008 19:30	62.1	83.0	54.4	46.9
31/01/2008 19:45	67.8	88.4	54.9	46.0
31/01/2008 20:00	64.1	85.5	60.9	44.2
31/01/2008 20:15	65.0	85.5	54.8	44.4
31/01/2008 20:30	65.8	89.1	50.0	44.4
31/01/2008 20:45	58.1	81.2	50.4	45.2
31/01/2008 21:00	63.3	86.2	52.7	45.9
31/01/2008 21:15	62.7	83.7	57.6	46.2
31/01/2008 21:30	55.5	77.3	49.3	44.0
31/01/2008 21:45	64.8	90.0	57.9	43.6
31/01/2008 22:00	56.4	81.1	48.9	44.3
31/01/2008 22:15	54.8	78.6	50.9	45.6
31/01/2008 22:30	63.2	85.2	54.0	47.2
31/01/2008 22:45	59.2	81.6	52.4	46.0
31/01/2008 23:00	56.1	76.7	51.6	45.8
31/01/2008 23:15	62.9	85.1	51.1	45.7
31/01/2008 23:30	55.2	79.4	51.8	46.8
31/01/2008 23:45	52.6	75.5	52.7	47.5
01/02/2008 00:00	65.6	87.8	62.0	47.3
01/02/2008 00:15	57.4	85.4	51.9	47.5
01/02/2008 00:30	64.0	86.3	57.7	48.2
01/02/2008 00:45	67.9	82.9	70.4	55.7
01/02/2008 01:00	51.8	61.9	54.3	48.1
01/02/2008 01:15	61.2	82.4	51.4	45.1
01/02/2008 01:30	51.5	71.3	49.9	44.7
01/02/2008 01:45	48.8	59.6	51.0	46.1
01/02/2008 02:00	62.1	82.7	52.7	46.1
01/02/2008 02:15	50.2	59.7	52.8	46.7
01/02/2008 02:30	63.9	87.1	54.5	47.1
01/02/2008 02:45	50.7	60.8	53.3	47.2
01/02/2008 03:00	63.2	85.2	54.0	46.5
01/02/2008 03:15	62.7	85.2	54.4	47.7
01/02/2008 03:30	51.2	60.7	53.8	47.5
01/02/2008 03:45	63.1	85.8	54.2	45.6
01/02/2008 04:00	60.4	82.6	49.1	43.6
01/02/2008 04:15	58.5	84.3	50.3	44.0
01/02/2008 04:30	57.2	82.7	49.0	43.8
01/02/2008 04:45	60.2	84.7	48.3	43.7
01/02/2008 05:00	64.3	88.0	48.0	44.2
01/02/2008 05:15	61.3	86.3	48.7	44.3
01/02/2008 05:30	46.8	56.9	48.3	44.9
01/02/2008 05:45	54.0	79.8	49.8	45.9
01/02/2008 06:00	64.4	87.2	54.2	46.6
01/02/2008 06:15	66.6	89.5	54.4	46.4
01/02/2008 06:30	59.8	83.3	52.4	47.4
01/02/2008 06:45	63.9	86.7	54.7	48.4
01/02/2008 07:00	64.6	90.4	55.5	49.4
01/02/2008 07:15	63.5	83.3	56.6	50.9
01/02/2008 07:30	65.5	90.3	59.2	51.6
01/02/2008 07:45	59.1	81.2	56.8	51.4
01/02/2008 08:00	60.0	81.0	56.9	51.1
01/02/2008 08:15	62.0	82.7	61.2	50.5
01/02/2008 08:30	65.9	88.7	56.6	50.2
01/02/2008 08:45	62.2	83.7	56.8	50.6
01/02/2008 09:00	66.1	89.3	58.1	51.1

01/02/2008 09:15	61.3	81.8	56.9	50.9
01/02/2008 09:30	64.5	82.4	67.1	53.5
01/02/2008 09:45	67.4	91.8	58.2	50.5
01/02/2008 10:00	64.4	85.0	59.7	50.7
01/02/2008 10:15	59.7	79.2	61.5	50.0
01/02/2008 10:30	63.8	82.9	58.7	50.8
01/02/2008 10:45	65.8	85.3	64.0	50.3
01/02/2008 11:00	64.4	90.4	55.3	48.7
01/02/2008 11:15	60.2	81.8	57.9	50.0
01/02/2008 11:30	60.4	81.6	56.9	50.9
01/02/2008 11:45	64.5	85.7	64.7	50.3
01/02/2008 12:00	67.8	92.5	64.8	61.3
01/02/2008 12:15	64.3	81.2	64.7	61.1
01/02/2008 12:30	70.4	98.6	72.5	61.2
01/02/2008 12:45	66.6	89.6	58.7	50.1
01/02/2008 13:00	65.8	91.4	57.8	49.5
01/02/2008 13:15	61.5	80.5	59.3	49.1
01/02/2008 13:30	62.4	86.5	56.5	49.9
01/02/2008 13:45	67.2	88.7	54.4	47.2
01/02/2008 14:00	56.4	78.5	56.0	49.1
01/02/2008 14:15	64.7	84.5	66.4	50.5
01/02/2008 14:30	63.3	90.2	57.3	49.7
01/02/2008 14:45	69.8	100.5	67.0	59.6
01/02/2008 15:00	66.4	87.8	64.2	60.2
01/02/2008 15:15	59.0	81.2	57.6	49.4
01/02/2008 15:30	59.9	82.9	56.1	49.9
01/02/2008 15:45	63.8	83.8	55.4	48.6
01/02/2008 16:00	65.6	90.4	60.0	49.7
01/02/2008 16:15	58.9	80.2	54.6	47.5
01/02/2008 16:30	61.4	83.7	53.3	46.6
01/02/2008 16:45	57.5	79.9	52.8	46.4
01/02/2008 17:00	62.2	85.3	53.7	45.9
01/02/2008 17:15	64.4	83.3	53.6	46.1
01/02/2008 17:30	58.5	77.9	54.9	45.5
01/02/2008 17:45	62.2	86.0	52.9	45.1
01/02/2008 18:00	65.4	86.1	55.0	45.1
01/02/2008 18:15	55.3	81.0	51.5	44.2
01/02/2008 18:30	62.8	83.5	53.7	43.6
01/02/2008 18:45	61.1	83.2	52.6	43.3
01/02/2008 19:00	66.8	90.5	55.7	43.6
01/02/2008 19:15	56.5	79.6	49.8	43.6
01/02/2008 19:30	63.4	84.1	54.8	43.3
01/02/2008 19:45	64.3	85.4	53.7	43.3
01/02/2008 20:00	60.5	82.4	52.4	43.2
01/02/2008 20:15	57.2	81.0	47.6	42.5
01/02/2008 20:30	61.7	89.0	48.6	42.4
01/02/2008 20:45	67.0	87.7	53.9	42.9
01/02/2008 21:00	65.1	86.4	52.2	43.0
01/02/2008 21:15	51.2	75.7	47.5	42.8
01/02/2008 21:30	58.3	81.2	48.6	43.1
01/02/2008 21:45	55.4	80.2	45.9	42.7
01/02/2008 22:00	64.6	87.1	46.9	41.9
01/02/2008 22:15	56.9	83.9	45.4	42.0
01/02/2008 22:30	63.2	85.1	47.5	42.4
01/02/2008 22:45	61.6	83.7	48.8	41.5
01/02/2008 23:00	61.8	84.2	48.8	42.4

01/02/2008 23:15	59.3	84.1	47.4	42.4
01/02/2008 23:30	60.7	85.5	46.5	42.7
01/02/2008 23:45	61.7	81.7	60.9	42.0
02/02/2008 00:00	55.0	78.0	52.1	41.8
02/02/2008 00:15	65.0	85.0	52.5	43.6
02/02/2008 00:30	60.8	81.9	61.6	43.2
02/02/2008 00:45	68.8	88.1	67.6	43.4
02/02/2008 01:00	42.8	64.6	43.5	40.9
02/02/2008 01:15	63.7	85.4	45.5	40.7
02/02/2008 01:30	61.4	84.8	43.3	40.3
02/02/2008 01:45	42.3	59.4	43.2	40.5
02/02/2008 02:00	63.9	85.9	46.3	41.0
02/02/2008 02:15	63.7	85.4	44.1	41.0
02/02/2008 02:30	43.0	59.1	43.5	41.0
02/02/2008 02:45	45.0	61.9	44.9	41.3
02/02/2008 03:00	62.4	86.5	43.9	40.4
02/02/2008 03:15	44.6	58.2	47.5	41.3
02/02/2008 03:30	59.8	86.0	44.8	41.2
02/02/2008 03:45	42.7	54.7	44.0	40.8
02/02/2008 04:00	51.7	76.1	43.6	41.2
02/02/2008 04:15	42.4	57.4	43.4	41.1
02/02/2008 04:30	58.2	82.3	44.7	41.2
02/02/2008 04:45	64.6	86.4	48.9	41.3
02/02/2008 05:00	64.5	89.0	44.3	41.1
02/02/2008 05:15	63.8	85.7	45.1	41.0
02/02/2008 05:30	49.7	74.8	44.7	41.3
02/02/2008 05:45	57.5	82.4	46.0	41.3
02/02/2008 06:00	59.3	82.0	46.9	41.7
02/02/2008 06:15	48.9	67.7	47.3	41.7
02/02/2008 06:30	59.3	81.0	49.3	43.4
02/02/2008 06:45	59.7	81.6	53.2	45.8
02/02/2008 07:00	61.5	87.1	53.5	47.2
02/02/2008 07:15	64.5	80.6	57.2	47.8
02/02/2008 07:30	60.6	83.3	54.8	48.3
02/02/2008 07:45	58.1	84.9	54.0	46.9
02/02/2008 08:00	55.4	77.0	53.6	46.6
02/02/2008 08:15	59.0	85.0	53.0	46.1
02/02/2008 08:30	59.7	84.0	53.0	46.1
02/02/2008 08:45	63.4	87.2	53.1	46.1
02/02/2008 09:00	62.6	87.9	52.3	46.5
02/02/2008 09:15	62.7	89.7	54.0	45.6
02/02/2008 09:30	66.3	86.8	53.7	45.9
02/02/2008 09:45	58.2	82.3	54.0	46.3
02/02/2008 10:00	59.9	84.6	53.1	46.4
02/02/2008 10:15	59.7	83.5	55.6	47.3
02/02/2008 10:30	64.5	86.0	57.2	47.6
02/02/2008 10:45	58.6	80.1	55.9	48.3
02/02/2008 11:00	67.5	88.4	64.4	47.6
02/02/2008 11:15	59.2	79.4	60.5	48.0
02/02/2008 11:30	61.5	84.1	54.6	47.6
02/02/2008 11:45	58.8	81.5	55.7	48.0
02/02/2008 12:00	59.8	82.9	55.0	47.8
02/02/2008 12:15	57.2	78.0	53.7	46.3
02/02/2008 12:30	62.6	85.2	55.2	46.1
02/02/2008 12:45	58.6	82.0	53.0	45.8
02/02/2008 13:00	63.6	85.8	55.8	44.9

02/02/2008 13:15	57.1	78.4	53.3	45.0
02/02/2008 13:30	61.6	85.9	54.7	45.2
02/02/2008 13:45	60.9	83.5	55.7	45.9
02/02/2008 14:00	63.2	85.0	58.2	46.1
02/02/2008 14:15	62.7	82.8	56.6	44.5
02/02/2008 14:30	60.2	83.3	54.9	45.8
02/02/2008 14:45	57.9	80.8	54.8	45.4
02/02/2008 15:00	64.7	94.0	56.6	47.0
02/02/2008 15:15	53.5	74.5	54.2	44.9
02/02/2008 15:30	63.6	86.7	54.0	45.0
02/02/2008 15:45	60.1	82.1	54.3	46.4
02/02/2008 16:00	63.1	86.1	55.7	46.7
02/02/2008 16:15	56.2	78.3	52.4	46.7
02/02/2008 16:30	61.4	81.9	54.1	47.2
02/02/2008 16:45	62.7	85.0	54.1	47.6
02/02/2008 17:00	58.2	79.9	55.6	48.3
02/02/2008 17:15	57.0	78.2	53.5	47.2
02/02/2008 17:30	54.2	78.4	52.1	46.8
02/02/2008 17:45	61.7	83.8	52.8	46.7
02/02/2008 18:00	62.4	87.2	51.8	46.5
02/02/2008 18:15	58.7	81.4	51.9	45.4
02/02/2008 18:30	58.5	80.9	52.6	45.7
02/02/2008 18:45	57.9	81.6	50.4	45.4
02/02/2008 19:00	62.4	89.5	50.4	45.9
02/02/2008 19:15	62.9	86.2	51.4	45.5
02/02/2008 19:30	55.8	76.2	51.0	46.2
02/02/2008 19:45	61.9	86.0	50.3	46.1
02/02/2008 20:00	53.3	75.4	49.8	46.3
02/02/2008 20:15	60.5	86.3	51.4	46.6
02/02/2008 20:30	56.8	80.3	50.2	45.9
02/02/2008 20:45	49.0	68.7	48.6	45.0
02/02/2008 21:00	61.0	85.8	51.4	46.8
02/02/2008 21:15	58.7	79.8	50.9	46.9
02/02/2008 21:30	53.4	76.0	50.3	46.3
02/02/2008 21:45	52.8	76.5	50.1	46.1
02/02/2008 22:00	53.7	74.0	50.1	46.2
02/02/2008 22:15	55.8	77.4	50.5	46.1
02/02/2008 22:30	53.5	75.5	50.2	46.5
02/02/2008 22:45	54.9	77.7	49.7	46.1
02/02/2008 23:00	48.5	61.4	50.2	45.9
02/02/2008 23:15	58.6	81.9	50.5	45.3
02/02/2008 23:30	51.1	75.1	47.6	44.1
02/02/2008 23:45	46.5	55.5	48.2	44.4
03/02/2008 00:00	47.3	59.1	48.7	45.3
03/02/2008 00:15	47.2	59.8	48.6	45.4
03/02/2008 00:30	48.3	60.0	49.8	45.9
03/02/2008 00:45	47.5	62.3	49.1	45.1
03/02/2008 01:00	47.4	60.5	49.0	45.3
03/02/2008 01:15	47.6	55.4	49.3	45.5
03/02/2008 01:30	46.4	58.9	47.9	44.6
03/02/2008 01:45	46.6	55.6	48.4	44.4
03/02/2008 02:00	46.4	58.6	48.1	44.1
03/02/2008 02:15	47.1	54.2	48.9	45.1
03/02/2008 02:30	47.4	56.9	49.6	44.5
03/02/2008 02:45	46.5	55.8	48.4	44.1
03/02/2008 03:00	46.5	59.9	48.1	44.5

03/02/2008 03:15	46.0	58.6	47.4	44.0
03/02/2008 03:30	46.1	53.8	47.9	44.0
03/02/2008 03:45	43.8	54.6	46.2	41.5
03/02/2008 04:00	43.1	60.6	44.1	40.8
03/02/2008 04:15	41.9	55.2	43.1	40.6
03/02/2008 04:30	42.3	56.5	43.5	40.7
03/02/2008 04:45	43.0	55.6	44.5	41.4
03/02/2008 05:00	42.9	57.3	44.0	41.4
03/02/2008 05:15	43.5	57.6	44.9	41.6
03/02/2008 05:30	50.7	71.6	48.6	42.6
03/02/2008 05:45	43.7	55.4	44.9	42.1
03/02/2008 06:00	44.6	60.7	45.7	42.3
03/02/2008 06:15	43.7	56.8	44.7	42.0
03/02/2008 06:30	44.4	63.3	45.6	42.6
03/02/2008 06:45	44.7	57.1	46.1	42.6
03/02/2008 07:00	50.2	76.5	51.9	42.9
03/02/2008 07:15	47.7	64.1	50.2	43.1
03/02/2008 07:30	49.5	68.5	53.0	44.0
03/02/2008 07:45	48.9	66.7	51.8	44.1
03/02/2008 08:00	48.9	67.1	51.7	44.5
03/02/2008 08:15	48.9	71.7	50.4	45.2
03/02/2008 08:30	51.0	78.3	52.9	45.6
03/02/2008 08:45	49.1	68.3	52.2	44.7
03/02/2008 09:00	55.7	80.3	54.5	46.2
03/02/2008 09:15	54.6	78.6	52.1	45.3
03/02/2008 09:30	56.3	77.5	57.1	47.0
03/02/2008 09:45	51.7	67.0	55.0	45.8
03/02/2008 10:00	52.6	70.5	55.3	46.7
03/02/2008 10:15	59.7	79.9	57.6	48.2
03/02/2008 10:30	57.6	81.7	52.2	44.5
03/02/2008 10:45	52.2	69.6	55.3	46.7
03/02/2008 11:00	52.9	73.9	52.9	44.7
03/02/2008 11:15	59.5	82.6	53.0	44.5
03/02/2008 11:30	59.3	81.4	54.9	45.3
03/02/2008 11:45	58.0	81.7	55.7	46.4
03/02/2008 12:00	54.9	76.5	56.1	45.9
03/02/2008 12:15	58.9	81.1	53.6	46.3
03/02/2008 12:30	61.5	85.1	56.2	47.6
03/02/2008 12:45	53.1	74.1	54.8	46.7
03/02/2008 13:00	54.7	77.2	54.1	47.9
03/02/2008 13:15	59.2	81.7	54.4	46.5
03/02/2008 13:30	56.8	80.8	53.2	46.8
03/02/2008 13:45	51.8	74.0	52.6	46.1
03/02/2008 14:00	53.8	75.4	54.9	46.2
03/02/2008 14:15	59.5	81.8	56.1	46.5
03/02/2008 14:30	57.2	82.3	52.3	44.4
03/02/2008 14:45	50.9	74.0	51.6	44.2
03/02/2008 15:00	53.7	74.7	53.9	45.0
03/02/2008 15:15	59.2	79.1	55.4	44.8
03/02/2008 15:30	54.1	78.0	52.1	44.5
03/02/2008 15:45	52.5	74.4	50.4	44.3
03/02/2008 16:00	54.1	79.1	50.4	43.7
03/02/2008 16:15	58.9	79.5	54.1	44.4
03/02/2008 16:30	51.3	74.4	50.8	44.2
03/02/2008 16:45	48.6	65.9	50.4	45.0
03/02/2008 17:00	63.7	87.5	54.1	45.7

03/02/2008 17:15	57.8	83.8	52.4	46.0
03/02/2008 17:30	59.0	80.4	50.6	45.7
03/02/2008 17:45	52.6	76.9	50.5	44.2
03/02/2008 18:00	49.4	68.1	51.1	43.5
03/02/2008 18:15	59.1	80.8	53.2	44.6
03/02/2008 18:30	48.3	61.5	50.2	45.6
03/02/2008 18:45	58.0	81.8	51.1	45.6
03/02/2008 19:00	53.7	76.3	51.1	45.2
03/02/2008 19:15	58.4	84.7	52.2	45.6
03/02/2008 19:30	59.7	82.3	49.7	43.9
03/02/2008 19:45	56.3	83.1	51.0	44.6
03/02/2008 20:00	54.7	78.1	49.6	43.6
03/02/2008 20:15	57.8	79.6	48.3	42.9
03/02/2008 20:30	56.9	79.4	49.4	44.7
03/02/2008 20:45	46.8	56.9	48.4	44.7
03/02/2008 21:00	59.2	84.1	50.2	44.1
03/02/2008 21:15	55.9	79.8	49.1	44.0
03/02/2008 21:30	52.3	75.7	50.2	45.2
03/02/2008 21:45	56.7	83.7	49.2	44.7
03/02/2008 22:00	53.6	76.3	50.4	45.3
03/02/2008 22:15	58.4	82.4	55.9	48.7
03/02/2008 22:30	49.1	60.4	50.8	46.1
03/02/2008 22:45	48.4	60.7	49.9	46.3
03/02/2008 23:00	50.4	60.4	51.7	48.7
03/02/2008 23:15	51.5	62.0	53.3	48.8
03/02/2008 23:30	49.2	63.1	51.0	46.3
03/02/2008 23:45	50.1	61.0	52.0	47.9
04/02/2008 00:00	49.6	63.6	51.2	47.1
04/02/2008 00:15	50.2	62.5	51.7	48.3
04/02/2008 00:30	54.7	65.3	57.0	51.0
04/02/2008 00:45	54.5	64.4	59.0	48.6
04/02/2008 01:00	50.2	63.9	52.0	47.9
04/02/2008 01:15	48.9	64.6	51.2	44.8
04/02/2008 01:30	45.9	58.9	47.4	43.9
04/02/2008 01:45	46.0	63.8	47.7	42.6
04/02/2008 02:00	44.4	59.4	46.2	42.2
04/02/2008 02:15	43.1	62.6	44.8	39.1
04/02/2008 02:30	40.0	56.8	41.1	38.3
04/02/2008 02:45	42.1	56.4	43.1	40.7
04/02/2008 03:00	43.2	49.4	44.2	42.1
04/02/2008 03:15	46.4	65.0	47.2	43.2
04/02/2008 03:30	44.9	58.6	45.7	43.5
04/02/2008 03:45	44.4	59.6	44.8	43.0
04/02/2008 04:00	43.9	60.5	44.6	42.6
04/02/2008 04:15	59.5	81.0	45.1	42.6
04/02/2008 04:30	61.2	84.1	46.0	43.4
04/02/2008 04:45	59.9	85.9	48.0	43.6
04/02/2008 05:00	58.0	81.6	45.6	43.4
04/02/2008 05:15	61.6	85.1	47.0	44.0
04/02/2008 05:30	46.9	58.7	48.2	45.3
04/02/2008 05:45	47.0	62.5	47.9	45.3
04/02/2008 06:00	64.5	84.3	57.6	46.0
04/02/2008 06:15	65.0	88.5	50.7	46.4
04/02/2008 06:30	59.2	82.2	52.0	47.4
04/02/2008 06:45	62.2	83.9	55.2	48.9
04/02/2008 07:00	59.2	79.0	59.6	51.4

04/02/2008 07:15	61.0	83.0	56.9	51.7
04/02/2008 07:30	64.6	86.3	60.4	51.3
04/02/2008 07:45	59.2	81.2	58.7	51.6
04/02/2008 08:00	59.7	81.2	59.7	52.0
04/02/2008 08:15	62.0	83.1	58.6	52.1
04/02/2008 08:30	59.9	82.1	56.7	51.7
04/02/2008 08:45	60.7	80.7	58.6	52.8
04/02/2008 09:00	61.2	82.3	61.2	52.5
04/02/2008 09:15	71.3	104.3	59.8	52.8
04/02/2008 09:30	66.0	92.9	62.1	51.5
04/02/2008 09:45	63.5	82.1	60.8	50.9
04/02/2008 10:00	62.6	82.7	59.7	50.4
04/02/2008 10:15	60.0	79.6	56.8	50.8
04/02/2008 10:30	63.0	82.9	60.2	51.7
04/02/2008 10:45	65.8	85.5	60.6	51.2
04/02/2008 11:00	64.3	89.6	58.5	52.2
04/02/2008 11:15	60.1	80.3	58.9	52.6
04/02/2008 11:30	64.9	85.2	57.7	51.5
04/02/2008 11:45	60.4	82.7	57.2	51.6
04/02/2008 12:00	66.2	90.4	65.3	52.3
04/02/2008 12:15	63.9	83.1	65.0	51.5
04/02/2008 12:30	67.6	87.0	57.6	52.0
04/02/2008 12:45	64.0	86.4	60.6	52.4
04/02/2008 13:00	64.5	87.0	63.1	52.5
04/02/2008 13:15	60.4	82.8	59.1	52.8
04/02/2008 13:30	62.0	81.7	63.3	51.5
04/02/2008 13:45	60.3	83.1	58.3	50.3
04/02/2008 14:00	63.8	87.1	56.9	49.7
04/02/2008 14:15	59.2	81.6	56.7	50.1
04/02/2008 14:30	64.1	87.7	57.5	50.0
04/02/2008 14:45	64.8	87.1	58.7	50.4
04/02/2008 15:00	62.0	85.2	56.4	49.4
04/02/2008 15:15	58.6	83.0	57.0	50.0
04/02/2008 15:30	61.7	86.4	57.3	50.5
04/02/2008 15:45	64.7	85.1	57.9	50.6
04/02/2008 16:00	63.5	86.7	58.2	51.7
04/02/2008 16:15	60.9	82.8	60.5	50.5
04/02/2008 16:30	63.7	84.6	57.9	51.0
04/02/2008 16:45	55.9	77.2	55.9	50.4
04/02/2008 17:00	61.0	82.2	56.2	51.3
04/02/2008 17:15	60.8	80.3	58.4	51.4
04/02/2008 17:30	66.5	85.9	56.5	50.8
04/02/2008 17:45	61.8	84.1	55.1	48.5
04/02/2008 18:00	65.6	86.1	55.9	48.3
04/02/2008 18:15	56.4	80.1	53.7	48.6
04/02/2008 18:30	64.7	85.2	55.8	49.0
04/02/2008 18:45	61.1	86.0	54.4	48.6
04/02/2008 19:00	64.8	83.2	57.2	48.6
04/02/2008 19:15	64.0	87.4	56.0	48.0
04/02/2008 19:30	60.5	79.2	55.7	47.8
04/02/2008 19:45	59.3	85.7	55.1	47.5
04/02/2008 20:00	66.1	87.5	56.0	47.4
04/02/2008 20:15	61.8	82.2	54.2	47.2
04/02/2008 20:30	62.7	84.7	52.4	47.7
04/02/2008 20:45	63.1	84.6	50.0	46.9
04/02/2008 21:00	54.1	75.7	49.5	46.4

04/02/2008 21:15	62.3	84.7	52.2	46.5
04/02/2008 21:30	56.1	78.8	50.1	46.4
04/02/2008 21:45	64.1	85.3	51.5	45.4
04/02/2008 22:00	59.2	79.7	50.4	45.5
04/02/2008 22:15	61.3	85.2	48.7	44.9
04/02/2008 22:30	61.1	83.9	49.0	44.7
04/02/2008 22:45	53.2	78.5	51.2	44.7
04/02/2008 23:00	64.4	84.3	60.1	50.2
04/02/2008 23:15	61.7	82.3	54.7	48.1
04/02/2008 23:30	51.5	63.4	53.9	47.5
04/02/2008 23:45	62.3	84.1	59.8	50.0
05/02/2008 00:00	55.7	80.2	54.3	47.2
05/02/2008 00:15	59.8	83.4	53.7	47.2
05/02/2008 00:30	65.2	86.0	64.5	48.4
05/02/2008 00:45	56.3	78.0	53.8	45.4
05/02/2008 01:00	50.3	62.8	52.6	46.5
05/02/2008 01:15	62.4	84.5	55.3	47.6
05/02/2008 01:30	60.5	82.0	51.1	47.2
05/02/2008 01:45	61.0	86.2	51.0	45.9
05/02/2008 02:00	47.1	59.1	48.4	45.2
05/02/2008 02:15	61.3	83.8	53.9	46.5
05/02/2008 02:30	62.9	84.5	53.6	45.6
05/02/2008 02:45	46.8	61.7	47.7	45.7
05/02/2008 03:00	47.1	62.8	48.0	45.7
05/02/2008 03:15	47.5	61.4	48.2	45.6
05/02/2008 03:30	47.3	58.8	48.4	46.0
05/02/2008 03:45	46.9	55.7	47.9	45.6
05/02/2008 04:00	64.0	84.9	52.8	45.4
05/02/2008 04:15	59.9	83.7	57.7	45.4
05/02/2008 04:30	62.2	82.7	48.5	45.7
05/02/2008 04:45	46.9	58.8	48.1	45.4
05/02/2008 05:00	60.5	85.6	48.0	45.7
05/02/2008 05:15	62.9	87.8	50.0	46.6
05/02/2008 05:30	60.1	83.6	53.5	46.7
05/02/2008 05:45	60.8	83.5	50.8	47.1
05/02/2008 06:00	62.6	81.9	57.3	47.2
05/02/2008 06:15	58.9	81.2	53.6	48.0
05/02/2008 06:30	61.2	84.4	55.9	49.1
05/02/2008 06:45	62.3	83.9	56.4	48.5
05/02/2008 07:00	60.4	82.1	59.5	50.9
05/02/2008 07:15	64.7	88.0	57.8	52.0
05/02/2008 07:30	63.0	83.6	64.2	51.4
05/02/2008 07:45	64.1	86.2	60.0	52.4
05/02/2008 08:00	62.7	82.7	61.6	52.8
05/02/2008 08:15	64.4	81.3	63.5	59.0
05/02/2008 08:30	65.3	89.0	62.4	53.7
05/02/2008 08:45	60.6	79.9	62.4	53.9
05/02/2008 09:00	64.6	90.8	58.9	54.4
05/02/2008 09:15	67.0	78.5	72.3	55.1
05/02/2008 09:30	72.7	85.5	75.3	68.6
05/02/2008 09:45	72.5	92.7	74.2	69.0
05/02/2008 10:00	70.3	83.7	73.4	54.4
05/02/2008 10:15	65.7	86.5	59.4	51.9
05/02/2008 10:30	64.8	83.2	63.2	52.9
05/02/2008 10:45	67.8	88.6	68.0	52.9
05/02/2008 11:00	59.9	80.0	57.6	51.9

05/02/2008 11:15	60.6	83.4	57.1	50.5
05/02/2008 11:30	67.9	90.0	64.0	50.6
05/02/2008 11:45	64.8	86.8	63.8	61.7
05/02/2008 12:00	65.5	85.2	64.1	61.8
05/02/2008 12:15	64.4	85.3	63.8	61.6
05/02/2008 12:30	65.4	84.5	63.6	61.5
05/02/2008 12:45	69.7	89.1	64.8	61.9
05/02/2008 13:00	69.9	87.4	72.1	53.3
05/02/2008 13:15	60.0	83.7	58.7	53.8
05/02/2008 13:30	63.8	87.1	58.9	53.0
05/02/2008 13:45	69.8	88.9	61.1	53.7
05/02/2008 14:00	63.3	84.8	59.0	53.8
05/02/2008 14:15	62.0	84.9	57.2	50.5
05/02/2008 14:30	65.1	83.9	59.1	50.6
05/02/2008 14:45	60.4	83.0	56.7	51.4
05/02/2008 15:00	62.8	87.8	56.3	51.2
05/02/2008 15:15	59.1	79.9	58.1	54.0
05/02/2008 15:30	63.8	86.6	61.0	54.1
05/02/2008 15:45	66.9	86.6	64.7	53.3
05/02/2008 16:00	65.4	89.4	56.6	51.6
05/02/2008 16:15	65.1	87.9	55.6	49.7
05/02/2008 16:30	64.7	88.2	55.6	49.7
05/02/2008 16:45	59.3	80.6	54.9	49.6
05/02/2008 17:00	65.9	91.0	63.3	50.1
05/02/2008 17:15	58.4	78.0	60.0	50.5
05/02/2008 17:30	57.4	81.0	56.5	49.7
05/02/2008 17:45	63.7	87.4	55.0	48.8
05/02/2008 18:00	65.6	90.4	54.6	48.4
05/02/2008 18:15	58.7	83.2	54.1	48.5
05/02/2008 18:30	64.7	87.5	56.4	49.3
05/02/2008 18:45	65.7	87.9	55.2	48.8
05/02/2008 19:00	61.2	85.2	54.0	47.6
05/02/2008 19:15	63.4	87.2	54.9	47.9
05/02/2008 19:30	60.3	81.1	56.9	51.6
05/02/2008 19:45	62.5	85.5	55.9	50.4
05/02/2008 20:00	65.8	88.3	57.0	50.0
05/02/2008 20:15	62.6	86.0	54.3	47.3
05/02/2008 20:30	61.6	85.3	55.0	49.0
05/02/2008 20:45	63.9	85.3	54.5	46.6
05/02/2008 21:00	64.2	84.7	53.5	46.3
05/02/2008 21:15	65.4	91.6	52.5	46.0
05/02/2008 21:30	59.8	81.0	54.3	46.5
05/02/2008 21:45	62.8	85.3	51.3	46.4
05/02/2008 22:00	62.5	84.9	51.6	45.8
05/02/2008 22:15	63.0	86.9	54.1	47.2
05/02/2008 22:30	64.3	85.6	53.3	46.9
05/02/2008 22:45	57.9	80.4	53.2	46.9
05/02/2008 23:00	57.5	82.4	50.8	46.5
05/02/2008 23:15	62.4	86.9	51.0	46.8
05/02/2008 23:30	52.2	75.3	49.7	46.2
05/02/2008 23:45	51.3	76.4	50.1	45.9
06/02/2008 00:00	62.1	88.2	53.0	47.7
06/02/2008 00:15	61.6	83.0	61.0	46.3
06/02/2008 00:30	62.1	85.9	51.7	45.8
06/02/2008 00:45	56.7	71.2	61.8	48.6
06/02/2008 01:00	67.2	85.1	57.3	49.4

06/02/2008 01:15	63.8	86.8	55.9	45.4
06/02/2008 01:30	54.6	77.2	54.8	45.5
06/02/2008 01:45	59.4	84.8	54.7	48.4
06/02/2008 02:00	62.1	87.1	53.3	47.9
06/02/2008 02:15	52.9	60.5	55.4	49.8
06/02/2008 02:30	51.8	60.1	54.3	48.0
06/02/2008 02:45	65.7	87.1	53.8	46.8
06/02/2008 03:00	48.2	63.8	50.2	45.5
06/02/2008 03:15	63.2	88.7	51.8	45.2
06/02/2008 03:30	57.7	81.5	54.4	47.7
06/02/2008 03:45	61.2	83.8	57.8	48.2
06/02/2008 04:00	65.7	85.3	53.7	45.2
06/02/2008 04:15	54.5	76.2	52.9	45.2
06/02/2008 04:30	55.4	76.0	48.3	43.7
06/02/2008 04:45	46.0	57.1	48.5	42.8
06/02/2008 05:00	62.8	85.8	50.7	42.6
06/02/2008 05:15	63.0	86.2	47.9	42.4
06/02/2008 05:30	56.1	80.6	46.9	43.0
06/02/2008 05:45	49.5	72.2	47.5	43.2
06/02/2008 06:00	63.1	82.5	52.4	43.3
06/02/2008 06:15	61.0	87.2	50.6	43.7
06/02/2008 06:30	59.6	84.5	52.5	45.6
06/02/2008 06:45	66.2	86.3	58.0	47.1
06/02/2008 07:00	64.8	86.0	63.7	50.2
06/02/2008 07:15	61.7	82.4	59.2	49.4
06/02/2008 07:30	62.6	86.4	56.8	50.1
06/02/2008 07:45	63.0	86.4	56.5	50.8
06/02/2008 08:00	64.7	88.5	57.4	51.3
06/02/2008 08:15	62.3	82.3	64.8	51.4
06/02/2008 08:30	64.2	85.7	60.2	52.1
06/02/2008 08:45	65.3	91.5	57.3	52.0
06/02/2008 09:00	65.1	86.4	57.8	51.7
06/02/2008 09:15	60.6	87.7	55.9	49.9
06/02/2008 09:30	61.1	83.6	56.3	48.9
06/02/2008 09:45	66.5	87.2	61.7	48.6
06/02/2008 10:00	62.9	83.8	56.7	47.0
06/02/2008 10:15	57.0	77.4	56.3	46.4
06/02/2008 10:30	64.6	91.0	59.0	47.4
06/02/2008 10:45	64.5	86.5	65.2	46.5
06/02/2008 11:00	64.0	85.5	57.4	47.5
06/02/2008 11:15	61.8	81.2	61.4	46.0
06/02/2008 11:30	66.0	86.3	57.0	45.0
06/02/2008 11:45	56.7	81.9	54.7	46.9
06/02/2008 12:00	64.3	86.4	55.9	46.8
06/02/2008 12:15	59.6	85.3	54.6	48.7
06/02/2008 12:30	69.0	90.5	68.6	48.8
06/02/2008 12:45	57.1	78.9	53.6	47.3
06/02/2008 13:00	64.3	87.5	54.2	45.8
06/02/2008 13:15	59.4	86.6	54.2	47.3
06/02/2008 13:30	63.4	86.2	55.2	46.8
06/02/2008 13:45	54.9	76.7	52.3	45.0
06/02/2008 14:00	66.8	86.3	63.1	45.8
06/02/2008 14:15	63.2	85.5	56.3	45.5
06/02/2008 14:30	65.4	88.5	53.8	45.1
06/02/2008 14:45	66.5	89.2	56.3	46.2
06/02/2008 15:00	61.4	86.7	54.5	46.4

06/02/2008 15:15	68.5	98.8	61.7	46.3
06/02/2008 15:30	59.8	84.2	56.1	46.3
06/02/2008 15:45	62.2	83.5	59.7	45.8
06/02/2008 16:00	65.0	89.2	53.2	44.5
06/02/2008 16:15	63.3	86.3	54.5	44.2
06/02/2008 16:30	63.9	87.2	55.5	42.8
06/02/2008 16:45	65.2	89.2	64.2	44.3
06/02/2008 17:00	67.8	88.5	64.2	43.7
06/02/2008 17:15	59.1	80.5	55.6	43.3
06/02/2008 17:30	58.5	80.3	55.7	44.2
06/02/2008 17:45	61.3	83.9	53.2	43.8
06/02/2008 18:00	69.7	87.1	65.1	42.7
06/02/2008 18:15	62.5	87.4	53.6	42.3
06/02/2008 18:30	60.9	82.0	53.5	43.4
06/02/2008 18:45	68.0	90.0	55.0	42.2
06/02/2008 19:00	65.3	89.8	56.7	43.8
06/02/2008 19:15	59.5	82.6	51.3	41.9
06/02/2008 19:30	64.1	85.2	51.7	41.6
06/02/2008 19:45	63.4	87.8	52.3	44.4
06/02/2008 20:00	62.7	86.2	53.1	44.1
06/02/2008 20:15	62.0	84.5	52.4	46.7
06/02/2008 20:30	65.0	85.6	53.2	45.5
06/02/2008 20:45	55.3	78.6	51.2	45.4
06/02/2008 21:00	61.7	83.4	53.1	43.9
06/02/2008 21:15	60.8	84.3	50.4	43.8
06/02/2008 21:30	61.6	84.7	52.6	45.4
06/02/2008 21:45	66.2	87.4	53.2	46.9
06/02/2008 22:00	53.4	75.3	51.2	46.8
06/02/2008 22:15	61.4	83.3	51.3	47.0
06/02/2008 22:30	62.3	87.9	51.9	43.7
06/02/2008 22:45	57.4	76.9	49.7	44.0
06/02/2008 23:00	62.3	84.2	48.9	44.9
06/02/2008 23:15	58.4	81.3	48.2	44.6
06/02/2008 23:30	54.9	78.0	48.3	45.2
06/02/2008 23:45	57.1	83.3	49.3	46.1
07/02/2008 00:00	54.2	77.4	49.5	46.7
07/02/2008 00:15	55.2	73.6	58.8	45.6
07/02/2008 00:30	62.0	87.3	50.1	46.1
07/02/2008 00:45	61.1	76.2	64.8	47.4
07/02/2008 01:00	64.8	85.7	66.4	46.1
07/02/2008 01:15	66.9	87.4	52.6	46.4
07/02/2008 01:30	47.7	53.8	48.9	46.5
07/02/2008 01:45	49.3	61.3	50.7	47.3
07/02/2008 02:00	49.2	61.0	50.4	47.9
07/02/2008 02:15	65.0	88.1	50.5	47.4
07/02/2008 02:30	48.8	57.7	50.0	47.4
07/02/2008 02:45	62.6	85.3	50.8	46.8
07/02/2008 03:00	47.0	53.2	47.8	46.1
07/02/2008 03:15	46.4	56.5	47.3	45.4
07/02/2008 03:30	56.8	82.2	47.5	45.1
07/02/2008 03:45	45.7	53.8	46.8	44.4
07/02/2008 04:00	61.1	83.8	47.2	44.1
07/02/2008 04:15	46.3	67.5	47.3	44.7
07/02/2008 04:30	63.4	85.6	47.9	44.4
07/02/2008 04:45	58.2	77.4	48.0	45.1
07/02/2008 05:00	64.2	85.9	48.3	44.7

07/02/2008 05:15	64.0	87.0	54.1	45.4
07/02/2008 05:30	60.6	82.0	49.8	46.3
07/02/2008 05:45	52.4	75.9	49.0	46.5
07/02/2008 06:00	50.5	72.4	49.1	47.0
07/02/2008 06:15	63.4	89.1	51.3	47.2
07/02/2008 06:30	64.7	85.4	54.7	48.1
07/02/2008 06:45	64.5	87.1	59.4	48.6
07/02/2008 07:00	64.3	86.6	61.7	49.1
07/02/2008 07:15	62.5	80.8	63.8	50.9
07/02/2008 07:30	62.1	83.3	59.7	50.6
07/02/2008 07:45	64.0	87.2	58.9	51.4
07/02/2008 08:00	60.9	83.7	58.1	50.8
07/02/2008 08:15	60.0	79.5	56.4	50.6
07/02/2008 08:30	61.1	84.6	56.5	50.0
07/02/2008 08:45	62.2	84.3	60.3	50.1
07/02/2008 09:00	65.2	88.3	59.5	50.4
07/02/2008 09:15	60.9	80.6	59.5	48.9
07/02/2008 09:30	62.1	84.8	62.4	49.1
07/02/2008 09:45	65.5	88.6	60.0	49.8
07/02/2008 10:00	67.2	88.1	59.4	48.7
07/02/2008 10:15	60.6	86.7	58.0	47.6
07/02/2008 10:30	62.4	82.7	62.2	47.8
07/02/2008 10:45	65.8	90.2	57.0	48.5
07/02/2008 11:00	64.3	90.2	54.6	47.6
07/02/2008 11:15	58.3	77.4	57.9	48.8
07/02/2008 11:30	64.1	88.8	56.5	47.6
07/02/2008 11:45	64.1	85.9	56.6	47.3
07/02/2008 12:00	66.5	93.0	56.6	47.8
07/02/2008 12:15	66.8	88.6	57.6	49.4
07/02/2008 12:30	65.3	83.0	64.3	50.4
07/02/2008 12:45	68.7	89.4	63.9	61.6
07/02/2008 13:00	65.3	82.5	63.8	61.6
07/02/2008 13:15	64.6	83.1	66.3	50.1
07/02/2008 13:30	63.0	87.2	56.5	49.2
07/02/2008 13:45	60.7	83.8	54.6	48.5
07/02/2008 14:00	60.4	78.6	56.7	47.8

Job No: JAS4595
 Client: Waste Recycling Group
 Site: Sutton Courtenay

Location 3 - On Roadside East of site near Level Crossing Cottage

Date and Time	Duration / min	LAeq	LAmaz	LA90
06/02/2008 16:09	15	57.9	78.5	47.6
06/02/2008 23:20	15	56.3	77.4	48.9
07/02/2008 01:39	15	51.2	62.8	49.9
07/02/2008 12:02	15	67.3	89.7	49.8

Location 4 - On Roadside West of site near Sutton Courtenay village hall

Date and Time	Duration / min	LAeq	LAmaz	LA90
06/02/2008 17:07	15	56.8	76.0	40.4
06/02/2008 23:54	15	46.7	56.3	45.4
07/02/2008 02:24	15	48.5	57.1	46.0
07/02/2008 13:35	15	49.3	68.9	46.2

Location 5 - On Roadside near Hill Farm

Date and Time	Duration / min	LAeq	LAmaz	LA90
06/02/2008 16:37	15	60.2	86.2	50.9
07/02/2008 12:23	15	59.0	82.2	53.4

Location 6 - In car parking area next to Appleford Football ground

Date and Time	Duration / min	LAeq	LAmaz	LA90
06/02/2008 17:36	15	58.2	72.4	45.5
07/02/2008 13:10	15	58.9	81.4	45.7

Job Number: JAS4595
 Client: Waste Recycling Group Ltd
 WRG Construction Noise Assessment

	Dozer	Loader	Excavator	Water Pump	Breaker	Piling	Batching Plant	Truck Mixer Discharging	Lorry Mounted Crane	Poker Vibrator	Grinder	Compressor	Generator	Lorries	Circular Saw	Total Sound Pressure at 10 m
Site Prep	75	82	74	65	82	79									84	88
Pits, Plinths, Slabs							80	67	76	69	80			84		87
Steel Structures building				65					76			81	66	84	79	87
Steel Structure Support				65					76			81	66	84	79	87

Noise Level are Leq @ 10 m

Predicted Construction Noise Levels

Distance	Distance	Distance Correction	Ground and Atmosphere Correction	Site Prep	Pits, Plinths, Slabs	Steel Structures building	Steel Structure Support	Maximum
Site to Cottage at Crossing	440	-33	-5.3	50	49	49	49	50
Site to Birch Cottage - Main Rd	460	-33	-5.4	49	48	48	48	49
Site to Hartwright House	460	-33	-5.4	49	48	48	48	49
Site to Eastholme - Main Rd	570	-35	-5.7	47	46	46	46	47
Site to Hill Farm	710	-37	-6	45	44	44	44	45
Site to Cambrai Close	740	-37	-6	45	44	44	44	45
Site to 9 Hobby Horse lane	1340	-43	-7.2	38	37	37	37	38

Job Number:

JAS4595

Client:

Waste Recycling Group Ltd

Construction Traffic Noise Assessment

Road section	2009 Base			2009 Base + Construction			Noise Change (dB)
	12hr (07:00 - 19:00)			12hr (07:00 - 19:00)			
	Movements	%HGVs	(km/h)	Movements	%HGVs	(km/h)	
A4130 West of Site Access	8758	9.4	50	9080	10.3	50	0.3
A4130 East of Site Access	8587	6.5	50	8611	6.5	50	0
A4130 North of Mendip Heights	10392	14.8	50	10714	15.3	50	0.2
A4130 Between Mendip Heights and A34	17216	10.9	81	17538	11.3	81	0.1

Static Sources

Name	Direction	Floor	Background Noise Level, L_{A90} (dB)		Rating Level, $L_{Ar,Tr}$ (dB)	Rating minus Background Noise Level (dB)		Exceed Criterion ?	
			Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)		Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)
Cottage at Appleford Crossing - Gnd	NW	Ground	48	42	36	-12	-6	No	No
Cottage at Appleford Crossing - 1st	NW	First	48	42	36	-12	-6	No	No
Birch Cottage - Main Rd - Gnd	W	Ground	48	42	36	-12	-6	No	No
Birch Cottage - Main Rd - 1st	W	First	48	42	36	-12	-6	No	No
Hartwright House - Gnd	W	Ground	48	41	33	-15	-8	No	No
Hartwright House - 1st	W	First	48	41	33	-15	-8	No	No
Eastholme - Main Rd - Gnd	W	Ground	48	42	34	-13	-8	No	No
Eastholme - Main Rd - 1st	W	First	48	42	35	-13	-7	No	No
Hill Farm (House) - Gnd	N	Ground	48	41	30	-18	-11	No	No
Hill Farm (House) - 1st	N	First	48	41	31	-17	-10	No	No
Cambrai Close - Gnd	S	Ground	48	42	30	-18	-12	No	No
Cambrai Close - 1st*	S	First	48	42	31	-17	-11	No	No
9 Hobbyhorse Lane - Gnd	E	Ground	43	46	23	-20	-23	No	No
9 Hobbyhorse Lane - 1st	E	First	43	46	23	-20	-23	No	No

All Sources

Name	Direction	Floor	Background Noise Level, L_{Aeq} (dB)		Predicted Noise Level, L_{Aeq} (dB)		Noise Change (dB)		Semantic Rating	
			Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Nighttime (23:00 - 07:00 hours)
Cottage at Appleford Crossing - Gnd	NW	Ground	63	58	47	40	0	0	Not Significant	Not Significant
Cottage at Appleford Crossing - 1st	NW	First	63	58	47	40	0	0	Not Significant	Not Significant
Birch Cottage - Main Rd - Gnd	W	Ground	63	58	46	40	0	0	Not Significant	Not Significant
Birch Cottage - Main Rd - 1st	W	First	63	58	46	40	0	0	Not Significant	Not Significant
Hartwright House - Gnd	W	Ground	57	49	45	38	0	0	Not Significant	Not Significant
Hartwright House - 1st	W	First	57	49	45	39	0	0	Not Significant	Not Significant
Eastholme - Main Rd - Gnd	W	Ground	63	58	44	38	0	0	Not Significant	Not Significant
Eastholme - Main Rd - 1st	W	First	63	58	44	38	0	0	Not Significant	Not Significant
Hill Farm (House) - Gnd	N	Ground	57	49	44	37	0	0	Not Significant	Not Significant
Hill Farm (House) - 1st	N	First	57	49	44	37	0	0	Not Significant	Not Significant
Cambrai Close - Gnd	S	Ground	63	58	43	36	0	0	Not Significant	Not Significant
Cambrai Close - 1st*	S	First	63	58	43	36	0	0	Not Significant	Not Significant
9 Hobbyhorse Lane - Gnd	E	Ground	54	48	38	31	0	0	Not Significant	Not Significant
9 Hobbyhorse Lane - 1st	E	First	54	48	38	30	0	0	Not Significant	Not Significant

2012 Baseline Traffic Flows						2022 Baseline + Development Traffic Flows						CRTN NOISE CHANGE, dB LA10	
(inc Committed Development Flows)												DAY	NIGHT
A4130 West of Site Access													
18 hour	12230	1063	Average 1 hr night	90	30	18 hour	13339	1203	Average 1 hr night	98	32	0.4	0.4
% HGV	8.7		% HGV	32.9		% HGV	9.0		% HGV	33.0			
A4130 East of Site Access													
18 hour	11858	708	Average 1 hr night	80	18	18 hour	12850	785	Average 1 hr night	87	20	0.3	0.4
% HGV	6.0		% HGV	22.5		% HGV	6.1		% HGV	22.6			
A4130 North of Mendip Heights													
18 hour	14224	1937	Average 1 hr night	106	54	18 hour	15522	2160	Average 1 hr night	116	59	0.4	0.4
% HGV	13.6		% HGV	50.8		% HGV	13.9		% HGV	51.0			
A4130 Between Mendip Heights and A34 (East of Great Western Park)													
18 hour	27210	2411	Average 1 hr night	184	67	18 hour	29295	2678	Average 1 hr night	200	73	0.3	0.4
% HGV	8.9		% HGV	36.3		% HGV	9.1		% HGV	36.5			
A4130 Between Mendip Heights and A34 (West of Great Western Park)													
18 hour	27210	2411	Average 1 hr night	184	67	18 hour	29295	2678	Average 1 hr night	200	73	0.3	0.4
% HGV	8.9		% HGV	36.3		% HGV	9.1		% HGV	36.5			