

Data de Medição	Eletrobras CGTEE																					
	Estação 5 - Açuá																					
	Qualidade do Ar								Meteorologia													
	Ar Ambiente								Clima e Meteorologia													
	Dióxido de Nitrogênio		Dióxido de Enxofre		Partículas Inaláveis (<10µm)		Ozônio		Velocidade Escalar do Vento		Direção Escalar do Vento		Precipitação Pluviométrica		Temperatura		Radiação Solar Global		Umidade Relativa		Pressão Atmosférica	
Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		
Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		
Data	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [µg/m3]	Flag	Valor [ppm]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [°C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
01/11/2012 00:30	0.0021		0.0017		9		0.0232		5,66		116,57		14,43		14,43		4,77		93,47		984,751	
01/11/2012 01:30	0.0021		0.0017		5		0.0226		4,62		112,81		0		13,96		4,78		94,85		984,603	
01/11/2012 02:30	0.0021		0.0016		4		0.0221		3,95		109,55		0		13,61		4,75		95,69		984,784	
01/11/2012 03:30	0.002		0.0017		6		0.0216		3,29		100,12		0		13,37		4,78		95,96		985,335	
01/11/2012 04:30	0.0019		0.0016		6		0.0232		2,63		91,15		0		13,42		4,9		96,43		985,779	
01/11/2012 05:30	0.0018		0.0016		6		0.0256		2,74		107,41		0		13,94		8,83		92,54		986,49	
01/11/2012 06:30	0.0019		0.0016		8		0.0239		3,04		132,63		0		14,4		108,63		91,71		987,055	
01/11/2012 07:30	0.0017		0.0017		9		0.027		3,12		112,08		0		16		332,43		84,27		986,987	
01/11/2012 08:30	0.0019		0.0017		7		0.0293		3,09		107,83		0		17		399,01		79,37		987,249	
01/11/2012 09:30	0.0018		0.0017		3		0.0303		3,29		84,53		0		18,26		599,62		71,77		987,382	
01/11/2012 10:30	0.0019		0.0017		3		0.032		3,29		102,98		0		19,24		732,77		64,67		987,023	
01/11/2012 11:30	0.0018		0.0016		5		0.0334		3,36		95,94		0		20,54		936,93		58,31		986,468	
01/11/2012 12:30	0.0019		0.0017		6		0.0338		2,83		90,26		0		21,59		959,74		55,74		986,122	
01/11/2012 13:30	0.0018		0.0017		11		0.0345		2,14		117,16		0		22,53		955,22		50,29		985,779	
01/11/2012 14:30	0.002		0.0017		16		0.0347		1,72		134,25		0		23,45		861,41		46,76		985,344	
01/11/2012 15:30	0.0021		0.0017		15		0.0354		2,62		127,05		0		23,61		687,54		44,53		984,657	
01/11/2012 16:30	0.0021		0.0017		21		0.036		3,03		136,22		0		23,54		482,34		43,2		984,425	
01/11/2012 17:30	0.0021		0.0017		32		0.0353		3,06		135,83		0		23,36		259,09		45,88		984,469	
01/11/2012 18:30	0.0029		0.0017		45		0.0334		2,31		157,2		0		22,36		61,12		50,87		984,925	
01/11/2012 19:30	0.0033		0.0017		38		0.0329		2,95		154,74		0		20,96		2,04		54,9		985,451	
01/11/2012 20:30	0.0027		0.0017		19		0.0341		3,99		146,81		0		20,07		0,76		56,97		985,862	
01/11/2012 21:30	0.0032		0.0018		36		0.0315		4,76		128,98		0		18,3		0,51		65,8		986,151	
01/11/2012 22:30	0.0031		0.0018		22		0.0311		4,23		114,77		0		17,65		3,42		67,17		986,211	
01/11/2012 23:30	0.0027		0.0017		26		0.029		3,57		108,72		0		16,47		4,74		75,7		986,293	
02/11/2012 00:30	0.0027		0.0017		15		0.028		3,06		103,4		0		15,97		4,74		80,88		986,142	
02/11/2012 01:30	0.0027		0.0017		17		0.0271		2,23		90,05		0		15,69		4,69		83,44		986,259	
02/11/2012 02:30	0.0062		0.0094		34		0.0223		1,79		80,81		0		15,58		4,71		84,35		986,4	
02/11/2012 03:30	0.0057		0.0087		25		0.0213		1,87		97,24		0		15,35		4,71		85,64		986,209	
02/11/2012 04:30	0.0033		0.0034		15		0.024		1,5		93,91		0		15,07		4,78		86,7		986,41	
02/11/2012 05:30	0.0028		0.0023		15		0.0254		0,84		94,65		0		14,77		12,05		88,34		987,053	
02/11/2012 06:30	0.0025		0.0022		14		0.0261		0,7		63,6		0		16,31		151,56		83,26		987,642	
02/11/2012 07:30	0.0024		0.0021		12		0.027		2,03		18,31		0		16,99		351,3		82,69		987,874	
02/11/2012 08:30	0.0023		0.0027		15		0.0287		2,09		26,13		0		18,41		571,36		77,64		988,053	
02/11/2012 09:30	0.0021		0.0027		10		0.0321		2,21		52,65		0		20,46		762,14		68,18		988,076	
02/11/2012 10:30	0.002		0.0023		11		0.0346		2,07		79,72		0		22,52		902,59		56,86		988,134	
02/11/2012 11:30	0.002		0.0023		17		0.0369		2,45		80,24		0		23,9		979,62		47,94		988,012	
02/11/2012 12:30	0.0019		0.002		28		0.0374		2,56		80,98		0		24,89		997,02		41,03		987,37	
02/11/2012 13:30	0.0018		0.0019		35		0.037		2,91		96,41		0		25,65		957,87		34,01		986,872	
02/11/2012 14:30	0.0018		0.0018		12		0.0366		2,96		122,74		0		25,98		849,04		35,24		986,065	
02/11/2012 15:30	0.0018		0.0018		13		0.0366		2,75		118,68		0		26,27		684,73		35,42		985,303	
02/11/2012 16:30	0.0019		0.0018		19		0.0368		2,87		118,26		0		26,46		482,07		34,06		984,84	
02/11/2012 17:30	0.0021		0.0018		49		0.0368		2,77		136,28		0		26,22		264,46		30,41		984,811	
02/11/2012 18:30	0.0025		0.0018		36		0.0347		2,69		146,24		0		25,05		65,97		32,15		984,865	
02/11/2012 19:30	0.0027		0.0019		48		0.0345		3,24		146,29		0		23,68		2,39		36,22		985,198	
02/11/2012 20:30	0.0024		0.0018		22		0.034		3,37		118,86		0		22,27		1,11		42,47		985,709	
02/11/2012 21:30	0.0023		0.0018		27		0.035		3,11		103,58		0		21,26		2,78		45,68		986,305	
02/11/2012 22:30	0.0025		0.0018		26		0.0336		2,7		86,62		0		19,92		4,27		49,34		986,747	
02/11/2012 23:30	0.0028		0.0024		20		0.0324		2,21		63,63		0		18,78		4,84		52,6		986,891	
03/11/2012 00:30	0.0027		0.0021		14		0.0315		1,95		44,17		0		18,45		4,88		52,08		986,772	
03/11/2012 01:30	0.0025		0.0018		16		0.0316		1,91		33,99		0		18		4,83		54,16		986,296	
03/11/2012 02:30	0.0023		0.0018		16		0.0309		2,1		37,47		0		17,36		4,77		61,4		985,849	
03/11/2012 03:30	0.0024		0.0018		14		0.0303		1,82		48,93		0		16,7		4,84		67,33		985,579	
03/11/2012 04:30	0.0023		0.0017		11		0.0294		1,76		41,13		0		16,12		4,88		74,18		985,549	
03/11/2012 05:30	0.0023		0.0017		8		0.0289		1,69		47,08		0		15,74		11,79		80,23		985,818	
03/11/2012 06:30	0.0021		0.0017		7		0.027		1,75		50,38		0		16,36		144,79		80,33		986,228	
03/11/2012 07:30	0.002		0.0017		8		0.027		2,28		25,88		0		17,39		362,03		75,5		986,772	
03/11/2012 08:30	0.0028		0.004		11		0.0279		2,4		27,83		0		19,67		580,06		61,77		987,103	
03/11/2012 09:30	0.0023		0.0024		12		0.032		2,56		37,59		0		21,77		771,15		59,12		987,2	
03/11/2012 10:30	0.0024		0.0026		15		0.0385		2,49		41,54		0		23,91		910,84		53,39		986,986	
03/11/2012 11:30	0.0025		0.0031		23		0.0451		2,17		98,23		0		25,57		990,57		39,8		986,679	
03/11/2012 12:30	0.002		0.0019		6		0.0436		1,89		81,52		0		26,44		1003,68		34,7		985,747	
03/11/2012 13:30	0.002		0.0018		18		0.0425		2,06		76,85		0		26,97		958,12		32,79		985,102	
03/11/2012 14:30	0.002		0.0018		22		0.0425		1,88		106,03		0		27,58		849,12		28,61		984,48	
03/11/2012 15:30	0.0022		0.0018		20		0.0429		2,27		160,92		0		27,59		683,07		29,75		983,891	
03/11/2012 16:30	0.0023		0.0018		29		0.0436		2,35		173,56		0									

05/11/2012 16:30	0.0025		0.0021		33		0.0458	1.94	254.44	0	29.82	488.14	28.66	983.661
05/11/2012 17:30	0.0026		0.0021		42		0.0453	1.52	219.94	0	29.7	265.47	28.73	983.592
05/11/2012 18:30	0.0043		0.0021		107		0.0426	1.17	207.91	0	28.65	68.62	31.98	983.649
05/11/2012 19:30	0.0063		0.0022		98		0.0404	1.14	204.76	0	27.54	3.24	33.9	983.816
05/11/2012 20:30	0.0049		0.0022		64		0.0419	1.62	230.61	0	27.24	2.19	32.68	984.12
05/11/2012 21:30	0.0034		0.0022		67		0.0426	2.23	223.05	0	26.58	1.13	35.17	984.543
05/11/2012 22:30	0.0027		0.0021		35		0.0416	3.28	179.34	0	25.58	0.28	38.36	984.915
05/11/2012 23:30	0.0029		0.002		17		0.0381	2.31	121.62	0	23.84	1.9	49.38	985.259
06/11/2012 00:30	0.0028		0.0021		19		0.0376	1.92	86.05	0	22.53	4.74	58.06	985.204
06/11/2012 01:30	0.0032		0.0022		24		0.0343	1.68	35.96	0	21.42	4.86	61.74	984.666
06/11/2012 02:30	0.0033		0.0019		18		0.0334	1.78	332.2	0	20.96	4.81	64.07	984.4
06/11/2012 03:30	0.0033		0.0019		24		0.0336	1.52	331.69	0	20.41	4.86	67.04	984.439
06/11/2012 04:30	0.0033		0.0018		27		0.033	2.49	297.46	0	20.24	4.64	67.78	984.629
06/11/2012 05:30	0.0037		0.0019		19		0.0317	2.36	299.06	0	19.92	13.43	69.41	985.268
06/11/2012 06:30	0.0039		0.0019		29		0.0308	2.67	297.78	0	20.3	147.9	68.7	985.919
06/11/2012 07:30	0.0031		0.0019		20		0.0327	2.69	320.39	0	21.5	360.51	65.65	986.21
06/11/2012 08:30	0.003		0.0019		25		0.0357	3.28	319.41	0	23.33	570.03	60.08	986.336
06/11/2012 09:30	0.0028		0.002		34		0.0435	3.82	310.95	0	25.2	755.6	52.49	986.316
06/11/2012 10:30	0.0026		0.0021		29		0.0463	3.76	308.4	0	26.98	893.47	47.75	986.254
06/11/2012 11:30	0.0023		0.0021		37		0.0472	3.17	303.89	0	28.67	971.9	40.04	985.879
06/11/2012 12:30	0.0022		0.002		73		0.0488	2.5	285.57	0	29.54	823.43	37.38	985.467
06/11/2012 13:30	0.0022		0.0019		28		0.0508	1.91	234.66	0	30.31	838.04	34.07	985.078
06/11/2012 14:30	0.0022		0.002		32		0.0498	2.05	289.05	0	30.92	742.94	33.54	984.502
06/11/2012 15:30	0.0023		0.0019		29		0.0494	1.82	159.34	0	30.35	453.81	34.15	983.992
06/11/2012 16:30	0.0028		0.0019		70		0.049	1.59	223.31	0	30.82	374.95	34.52	983.568
06/11/2012 17:30	0.0021		0.0019		20		0.0495	1.15	354.67	0	30.92	242.84	34.37	983.387
06/11/2012 18:30	0.0037		0.0019		83		0.0443	1.17	310.83	0	29.38	61.61	38.52	983.399
06/11/2012 19:30	0.0038		0.0019		79		0.0463	1.31	274.72	0	28.53	2.34	37.75	983.586
06/11/2012 20:30	0.0064		0.002		21		0.0465	0.59	263.97	0	28.27	1.27	37.5	983.926
06/11/2012 21:30	0.0028		0.0019		19		0.05	0.9	155.9	0	28.12	1.49	37.64	984.243
06/11/2012 22:30	0.0025		0.0019		34		0.0487	1.65	122.14	0	27.95	1.09	38.81	984.406
06/11/2012 23:30	0.0033		0.0019		22		0.0359	2.52	71.62	0	22.88	3.42	60.61	984.622
07/11/2012 00:30	0.0031		0.0019		27		0.0377	2.55	41.42	0	22.7	4.91	58.77	984.687
07/11/2012 01:30	0.0028		0.0019		22		0.0386	2.02	38.44	0	22.09	5.02	60.58	984.306
07/11/2012 02:30	0.0028		0.0019		26		0.0384	1.93	12.04	0	21.77	5	62.18	984.206
07/11/2012 03:30	0.0027		0.0019		19		0.0385	1.93	13.79	0	21.61	5.02	62.27	984.237
07/11/2012 04:30	0.0027		0.0019		18		0.0383	1.93	8.03	0	21.34	5.05	61.16	984.409
07/11/2012 05:30	0.0026		0.0019		21		0.0389	1.79	14.58	0	21.42	18.3	57.03	984.739
07/11/2012 06:30	0.0026		0.0019		20		0.0378	1.8	14.87	0	21.96	140.15	54.15	985.264
07/11/2012 07:30	0.0026		0.002		17		0.0374	2.02	7.44	0	22.66	335.33	51.92	985.599
07/11/2012 08:30	0.0028		0.002		17		0.0383	3.28	343.32	0	24.15	569.25	46.54	985.648
07/11/2012 09:30	0.0025		0.002		27		0.0432	3.68	358.12	0	26.26	721.16	35.18	985.432
07/11/2012 10:30	0.0023		0.0019		16		0.0465	2.96	10.12	0	28.23	857.51	33.11	984.969
07/11/2012 11:30	0.0022		0.0019		23		0.0491	2.39	52.04	0	29.94	947.56	31	984.774
07/11/2012 12:30	0.002		0.0029		19		0.0514	3.28	71.85	0	30.7	934.52	29.03	984.42
07/11/2012 13:30	0.0024		0.0059		44		0.058	3.16	94.42	0	31.16	917.77	27.35	984.244
07/11/2012 14:30	0.0019		0.0019		10		0.0495	3.67	66.98	0	31.65	768.72	19.9	983.695
07/11/2012 15:30	0.0023		0.0019		19		0.0477	3.32	80.95	0	32.01	663.73	20.94	983.06
07/11/2012 16:30	0.0018		0.0019		14		0.048	3.15	73.77	0	32.18	498.1	19.44	982.733
07/11/2012 17:30	0.002		0.0018		17		0.0465	3.05	86.77	0	31.79	286.27	20.77	982.267
07/11/2012 18:30	0.0035		0.0022		45		0.0431	2.85	109.93	0	29.55	69.49	27.74	981.882
07/11/2012 19:30	0.0026		0.0019		44		0.0446	4.51	103.83	0	27.04	4.34	33.88	982.132
07/11/2012 20:30	0.0024		0.002		33		0.0432	5.2	97.52	0	24.82	2.43	37.61	982.409
07/11/2012 21:30	0.0025		0.002		28		0.0449	5.06	99.15	0	23.52	1.9	37.7	982.709
07/11/2012 22:30	0.0026		0.0021		34		0.0422	4.04	95.41	0	22.39	3.33	48.61	982.987
07/11/2012 23:30	0.0027		0.0022		24		0.0417	3.22	77.58	0	21.68	4.78	52.54	983.024
08/11/2012 00:30	0.0033		0.0023		26		0.0403	2.99	74.98	0	21.03	4.83	57.87	983.003
08/11/2012 01:30	0.0047		0.0037		25		0.0378	3.84	87.54	0	20.54	4.86	62.78	982.82
08/11/2012 02:30	0.0059		0.0029		33		0.036	3.51	78.68	0	19.95	4.9	69.1	982.535
08/11/2012 03:30	0.0036		0.0026		26		0.0388	3.77	88.82	0	19.6	4.89	71.54	982.278
08/11/2012 04:30	0.0027		0.0023		24		0.0352	4.7	105.2	0	18.69	4.9	80.42	982.175
08/11/2012 05:30	0.0028		0.0022		20		0.0299	4.77	103.14	0	17.89	17.27	87.11	982.146
08/11/2012 06:30	0.0027		0.0021		22		0.0292	3.77	98.85	0	18.31	120.57	82.6	982.431
08/11/2012 07:30	0.0025		0.0028		18		0.0317	3.7	90.72	0	20	333.63	74.32	982.434
08/11/2012 08:30	0.0026		0.0036		20		0.0312	3.68	88.07	0	21.79	551.52	68.98	982.251
08/11/2012 09:30	0.0026	IC	0.0038		20		0.0319	3.57	81.6	0	23.58	711.72	63.24	981.675
08/11/2012 10:30	0.0033	IC	0.0061		33		0.0428	2.91	53.01	0	26.32	889.22	54.88	981.622
08/11/2012 11:30	0.0028		0.0037	IC	36		0.0484	3.03	28.7	0	27.65	961.82	53.58	981.229
08/11/2012 12:30	0.0021		0.0025		30		0.0473	IC 2.77	32.23	1	IC 29.54	997.84	50	980.542
08/11/2012 13:30	0.002		0.0018		25		0.0453	2.6	34.81	0	31.22	940.36	44.57	979.84
08/11/2012 14:30	0.0021		0.0019		34		0.0536	3.4	36.58	0	31.93	829.54	42.89	978.877
08/11/2012 15:30	0.002		0.0018		37		0.0564	3.87	6.05	0	31.82	651.48	42.04	978.267
08/11/2012 16:30	0.0022		0.0018		35		0.0579	3.45	6.73	0	31.75	354.53	43.47	977.713
08/11/2012 17:30	0.0022		0.0018		38		0.0586	4.75	341.39	0	31.15	275.31	45.49	977.313
08/11/2012 18:30	0.0023		0.0018		42		0.0555	3.8	334.5	0	29.82	95.12	51.12	977.374
08/11/2012 19:30	0.0025		0.0018		48		0.0547	2.64	328.06	0	28.47	7.79	53.95	977.567
08/11/2012 20:30	0.0032		0.0018		44		0.0542	1.29	342.17	0	27.97	5.61	55.67	977.84
08/11/2012 21:30	0.003		0.0018		40		0.0522	1.07	34.2	0	26.89	5.49	60.66	978.067
08/11/2012 22:30	0.0034		0.0018		40		0.0448	1.38	62.51	0	25.33	5.36	67.66	977.997
08/11/2012 23:30	0.0037		0.0018		29		0.0384	1.47	67.98	0	24.02	5.33	73.08	977.719
09/11/2012 00:30	0.0034		0.0018		27		0.0382	2.89	26.78	0	23.99	5.26	72.8	977.334
09/11/2012 01:30	0.0034		0.0017		26		0.037	2.43	22.44	0	23.29	5.34	73.85	977.169
09/11/2012 02:30	0.003		0.0017		27		0.0382	2.18	50.52	0	22.98	5.38	74.03	977.478
09/11/2012 03:30	0.0031		0.0017		23		0.0352	2.57	85.08	0	21.84	5.35	79.65	978.016
09/11/2012 04:30	0.0029		0.0018		33		0.0348	2.11	70.2	0	21.52	5.39	80.97	978.367
09/11/2012 05:30	0.0031		0.0018		37									

10/11/2012 19:30	0.0015		0.0017		-1	IR	0.037	5,83	133,45		0,4		18,9	5,8		95,15	984,11					
10/11/2012 20:30	0.0015		0.0017		0		0.0353	4,62	146,84		0,2		18,87	5,31		95,65	984,529					
10/11/2012 21:30	0.0017		0.0017		-1	IR	0.0335	4,61	167,21		0,4		18,59	5,32		95,99	985,217					
10/11/2012 22:30	0.0015		0.0017		0		0.0294	5,74	160,12		0		18,02	5,27		96,32	985,33					
10/11/2012 23:30	0.0014		0.0017		2		0.0274	5,52	166,24		0		17,59	5,21		96,7	985,48					
11/11/2012 00:30	0.0014		0.0017		1		0.0272	6,17	160,18		0		17,34	5,07		96,92	985,154					
11/11/2012 01:30	0.0014		0.0017		2		0.0258	6,33	161,71		0		17,15	4,91		97,01	984,585					
11/11/2012 02:30	0.0013		0.0017		1		0.0262	6,88	160,31		0		16,86	4,97		96,43	984,718					
11/11/2012 03:30	0.0014		0.0017		2		0.0254	6,56	165,23		0		16,62	5,06		95,22	984,644					
11/11/2012 04:30	0.0013		0.0017		1		0.0252	6,07	167,42		0		16,31	5,13		95,44	985,127					
11/11/2012 05:30	0.0014		0.0017		985	IU	0.025	6,31	166,01		0		16,08	10,27		95,49	985,531					
11/11/2012 06:30	0.0013		0.0017		985	IU	0.0252	7,42	159,51		0,2		16,1	59,56		95,06	986,071					
11/11/2012 07:30	0.0013		0.0017		985	IU	0.0251	7,94	153,08		0,2		16,51	147,87		94,96	986,398					
11/11/2012 08:30	0.0012		0.0017		985	IU	0.0259	7,73	142,02		0		17,28	254,63		93,18	986,781					
11/11/2012 09:30	0.0012		0.0017		985	IU	0.0257	7,01	136,84		0		17,63	246,44		92,87	987,115					
11/11/2012 10:30	0.0012		0.0017		985	IU	0.0256	6,49	133,58		0		18,45	392,52		89,82	987,354					
11/11/2012 11:30																						
11/11/2012 12:30	0.0012	IU	0.0017	IU	985	IU	0.0263	IU	5,94	IU	139,89	IU	0	IU	19,41	IU	395,53	IU	86,58	IU	986,942	IU
11/11/2012 13:30	0.0013		0.0017		6		0.026	5,38	141,92		0		20,26	615,69		83,72	986,86					
11/11/2012 14:30	0.0013		0.0017		6		0.0259	5,91	141,32		0		19,99	407		85,02	986,362					
11/11/2012 15:30	0.0014		0.0017		5		0.0241	5,76	145,66		0,6		18,77	241,27		91,69	986,685					
11/11/2012 16:30	0.0013		0.0017		3		0.0227	6,28	144,88		0,2		18,28	205,07		92,81	987,036					
11/11/2012 17:30	0.0013		0.0017		6		0.0231	6,34	144,31		0		17,69	83,91		91,07	987,376					
11/11/2012 18:30	0.0014		0.0017		6		0.0236	6,81	143,05		0		17,1	30,33		90,35	987,721					
11/11/2012 19:30	0.0013		0.0017		4		0.024	6,58	141,64		0		16,55	6,43		91,23	988,19					
11/11/2012 20:30	0.0013		0.0017		4		0.0239	5,91	141,36		0		16,32	5,25		92,48	988,912					
11/11/2012 21:30	0.0013		0.0017		4		0.0245	6,26	144		0		16,15	5,16		91,81	989,4					
11/11/2012 22:30	0.0012		0.0017		17		0.0247	6,17	141,35		0		15,75	5,17		92,47	989,704					
11/11/2012 23:30	0.0013		0.0017		10		0.0247	6,63	143,92		0		15,44	5		92,83	989,619					
12/11/2012 00:30	0.0013		0.0017		22		0.0233	6,53	146,3		0		14,85	5,02		92,59	989,395					
12/11/2012 01:30	0.0014		0.0017		25		0.0225	5,63	148,07		0		14,49	5,08		92,17	989,944					
12/11/2012 02:30	0.0013		0.0017		17		0.0225	4,59	156,47		0		14,44	5,07		92,56	989,073					
12/11/2012 03:30	0.0013		0.0017		18		0.0232	5,28	141,22		0		14,68	5,09		92,61	989,005					
12/11/2012 04:30	0.0015		0.0017		18		0.0227	3,81	155,2		0		14,66	5,14		91,63	989,243					
12/11/2012 05:30	0.0016		0.0017		9		0.0224	4,73	160,73		0,2		14,24	6,57		93,89	989,674					
12/11/2012 06:30	0.0016		0.0017		8		0.0235	5,5	160,59		0,8		13,94	31,35		95,21	990,603					
12/11/2012 07:30	0.0015		0.0017		5		0.0232	5,79	143,56		1		14,05	140,87		93,55	990,692					
12/11/2012 08:30	0.0012		0.0017		8		0.0246	5,5	129,68		0		15,16	402,38		88,21	990,879					
12/11/2012 09:30	0.0012		0.0017		10		0.0278	5,66	125,53		0		16,55	587,64		81,79	991,137					
12/11/2012 10:30	0.0012		0.0017		6		0.0283	5,26	137,91		0		16,84	445,75		78,81	991,568					
12/11/2012 11:30	0.0012		0.0017		5		0.0287	5,55	134,09		0		17,75	582,13		74,23	991,333					
12/11/2012 12:30	0.0012		0.0017		8		0.0302	5,19	137,69		0		18,75	709,46		68,57	990,974					
12/11/2012 13:30	0.0013		0.0017		13		0.0302	6,02	133,88		0		18,82	682,35		67,64	990,558					
12/11/2012 14:30	0.0016		0.0017		13		0.0298	5,94	132,84		0		19,18	427,21		64,72	990,196					
12/11/2012 15:30	0.0013		0.0017		21		0.0286	6,89	123,66		0		18,05	244,24		73,57	990,238					
12/11/2012 16:30	0.0012		0.0017		11		0.0281	9,42	127,45		0		17,48	469,28		71,99	990,473					
12/11/2012 17:30	0.0012		0.0017		10		0.0261	7,66	119,3		0		17,12	281,73		72,32	990,885					
12/11/2012 18:30	0.0012		0.0018		23		0.0244	6,81	122,47		0		16,78	85,59		71,02	991,422					
12/11/2012 19:30	0.0014		0.0018		14		0.0237	5,88	130,98		0		15,51	7,99		73,8	992,161					
12/11/2012 20:30	0.0013		0.0017		13		0.0221	5,09	135,09		0		14,26	5,57		77,12	992,664					
12/11/2012 21:30	0.0013		0.0017		11		0.0211	4,82	136,61		0		13,51	5,37		79,61	993,227					
12/11/2012 22:30	0.0013		0.0017		10		0.0197	4,21	138,11		0		12,86	5,21		84,71	993,205					
12/11/2012 23:30	0.002		0.0018		16		0.0186	4,28	152,69		0		12,46	5,24		87,52	993,026					
13/11/2012 00:30	0.0015		0.0017		11		0.0187	3,46	164,37		0		12,18	5,24		89,14	992,692					
13/11/2012 01:30	0.0014		0.0017		10		0.0177	3,44	173,69		0		11,79	5,27		93,21	992,314					
13/11/2012 02:30	0.0015		0.0017		4		0.0176	4,28	165,39		0		11,8	5,19		96,27	992,047					
13/11/2012 03:30	0.0015		0.0017		0		0.0172	3,97	165,07		0		11,78	5,18		97,01	992,008					
13/11/2012 04:30	0.0014		0.0017		0		0.0188	4,3	159,16		0		11,94	5,24		97,5	992,122					
13/11/2012 05:30	0.0014		0.0017		0		0.0189	4,41	163,22		0		12,03	10,77		97,72	992,367					
13/11/2012 06:30	0.0014		0.0017		4		0.0199	4,53	161,61		0		12,42	91,75		97,73	992,75					
13/11/2012 07:30	0.0014		0.0017		8		0.02	4,95	145,09		0		13,3	196,75		96,82	993,272					
13/11/2012 08:30	0.0012		0.0017		9		0.0223	5,59	129,6		0		14,94	388,65		86,15	993,598					
13/11/2012 09:30	0.0012		0.0017		11		0.0256	5,79	124,35		0		16,99	688,02		72,36	993,591					
13/11/2012 10:30	0.0013		0.0018		16		0.0285	5,89	126,9		0		18,23	798,85		62,87	993,286					
13/11/2012 11:30	0.0011		0.0017		13		0.0296	6,3	128,88		0		19,19	824,95		60,27	992,908					
13/11/2012 12:30	0.0012		0.0018		16		0.0295	6,4	121,99		0		19,57	663,81		58,19	992,613					
13/11/2012 13:30	0.0012		0.0017		17		0.0286	6,54	124,68		0		19,88	733,42		57,71	992,283					
13/11/2012 14:30	0.0012		0.0018		15		0.0283	6,8	119,61		0		19,87	624,74		59,64	991,879					
13/11/2012 15:30	0.0012		0.0017		12		0.0285	6,82	112,89		0		19,81	465,58		57,77	991,41					
13/11/2012 16:30	0.0013		0.0017		19		0.029	6,33	124,42		0		19,27	204,52		60,07	991,383					
13/11/2012 17:30	0.0012		0.0018		19		0.0289	6,11	119,32		0		19,1	158,19		60,26	991,005					
13/11/2012 18:30	0.0012		0.0017		23		0.0271	6,65	118,35		0		17,96	53,84		68,19	991,226					
13/11/2012 19:30	0.0014		0.0018		19		0.0259	6,02	121,16		0		16,79	6,95		73,23	991,792					
13/11/2012 20:30	0.0014		0.0018		15		0.0247	5,65	120,17		0		15,78	5,3		77,61	991,91					
13/11/2012 21:30	0.0014		0.0017		13		0.025	5,94	121,53		0		15,36	5,38		78,1	992,114					
13/11/2012 22:30	0.0014		0.0017		13		0.0233	4,97	122,91		0		14,61	5,07		82,55	992,431					
13/11/2012 23:30	0.0014		0.0017		13		0.0218	4,46	118,57		0		14,06	4,98		85,56	992,155					
14/11/2012 00:30	0.0014		0.0017		13		0.0215	4,27	117,38		0		13,75	5		88,2	991,852					
14/11/2012 01:30	0.0014		0.0017		11		0.0215	4,97	119,53	</												

15/11/2012 22:30	0.0016		0.0018		11		0.0228	5.1	91	0	17.03	5.14	81.91	987.033
15/11/2012 23:30	0.0015		0.0017		10		0.0223	4.7	88.54	0	16.47	5.1	83.35	987.069
16/11/2012 00:30	0.0016		0.0018		12		0.0215	4.34	82.28	0	15.94	5.05	85	986.905
16/11/2012 01:30	0.0016		0.0017		12		0.0216	4.87	80.31	0	15.68	5.02	86.27	986.458
16/11/2012 02:30	0.0015		0.0018		16		0.0212	4.75	96.46	0	15.39	5.08	88.32	986.112
16/11/2012 03:30	0.0014		0.0017		4		0.0223	5.16	96.43	0	15.67	5.09	87.63	985.895
16/11/2012 04:30	0.0015		0.0017		8		0.0214	4.48	107.81	0	15.53	5.15	88.35	986.545
16/11/2012 05:30	0.0015		0.0017		11		0.0204	4.65	111.83	0	15.41	18.47	89.64	987.225
16/11/2012 06:30	0.0015		0.0017		12		0.0208	4.47	109.14	0	16.32	163.48	86.55	988.139
16/11/2012 07:30	0.0014		0.0018		15		0.0225	5.21	91.89	0	17.75	377.25	81.65	988.475
16/11/2012 08:30	0.0013		0.0019		16		0.0227	5.68	81.23	0	18.98	593.26	78.61	988.642
16/11/2012 09:30	0.0015		0.0032		16		0.0269	4.68	63.16	0	21.16	784.56	68.95	988.553
16/11/2012 10:30	0.0024		0.0087		22		0.0317	4.22	53.79	0	23.01	819.39	59.64	988.499
16/11/2012 11:30	0.0026		0.0134		31		0.0355	3.32	67.12	0	24.11	810.69	53.78	988.157
16/11/2012 12:30	0.0024		0.0126		24		0.0391	2.01	68.44	0	25.03	846.05	49.57	987.884
16/11/2012 13:30	0.0016		0.0065		20		0.0387	2	70.96	0	26.23	1069.37	45.77	987.617
16/11/2012 14:30	0.0013		0.0024		8		0.0331	1.88	70.49	0	26.69	819.28	44.19	987.193
16/11/2012 15:30	0.0012		0.002		17		0.0318	3.66	87.53	0	26.72	766.1	43.86	986.537
16/11/2012 16:30	0.0013		0.0019		12		0.0309	4.47	91.5	0	26.57	489.27	43.97	986.332
16/11/2012 17:30	0.0014		0.0019		20		0.0311	4.82	100.41	0	25.86	227.8	46.15	986.4
16/11/2012 18:30	0.0015		0.0019		19		0.033	6.36	103.88	0	24.1	73.74	54.8	986.83
16/11/2012 19:30	0.0017		0.0018		23		0.0295	6.66	103.64	0	22.14	8.63	61.5	987.543
16/11/2012 20:30	0.0018		0.0019		16		0.0257	7	102.33	0	20.44	5.39	74.09	988.197
16/11/2012 21:30	0.0017		0.0018		15		0.0235	6.58	97.66	0	19.13	5.2	80.33	988.947
16/11/2012 22:30	0.0017		0.0018		9		0.023	6.2	91.87	0	18.19	5.22	84.43	989.579
16/11/2012 23:30	0.0018		0.0018		8		0.0222	5.42	83.75	0	17.53	5.18	86.41	989.813
17/11/2012 00:30	0.0017		0.0018		7		0.0216	4.94	84.51	0	16.98	5.18	87.28	989.687
17/11/2012 01:30	0.0015		0.0018		10		0.0218	4.54	76.85	0	16.64	5.09	87.43	989.526
17/11/2012 02:30	0.0016		0.0018		10		0.0214	4.66	81.86	0	16.22	5.07	88.38	989.312
17/11/2012 03:30	0.0015		0.0018		9		0.0221	4.84	77.98	0	16.1	5.08	86.44	989.322
17/11/2012 04:30	0.0015		0.0018		7		0.0212	4.1	74.97	0	15.58	5.12	86.99	989.715
17/11/2012 05:30	0.0014		0.0018		6		0.0214	3.8	94.61	0	15.65	19.99	85.5	990.574
17/11/2012 06:30	0.0013		0.0018		9		0.021	3.87	98.71	0	16.42	158.1	83.69	991.503
17/11/2012 07:30	0.0013		0.0018		11		0.0229	5.38	86.18	0	17.77	387.44	80.05	992.102
17/11/2012 08:30	0.0012		0.0018		8		0.0239	6.3	69.21	0	19.08	582.37	74.96	992.26
17/11/2012 09:30	0.0012		0.0018		11		0.027	6.29	74.45	0	20.65	707.97	66.07	992.137
17/11/2012 10:30	0.0012		0.0018		12		0.0294	6.39	78.83	0	21.98	860.81	57.25	991.724
17/11/2012 11:30	0.0012		0.0018		12		0.031	6.03	77.25	0	23.24	989.98	50.54	991.317
17/11/2012 12:30	0.0012		0.0018		13		0.0319	5.65	78.13	0	24.36	984.62	46.09	990.641
17/11/2012 13:30	0.0012		0.0019		9		0.033	5.6	74.1	0	25.38	1005.28	41.69	989.841
17/11/2012 14:30	0.0012		0.0018		16		0.0333	5.19	75.32	0	26.05	888.35	40.36	988.943
17/11/2012 15:30	0.0013		0.0018		10		0.0331	6.13	79.43	0	26.28	686.11	41.84	988.239
17/11/2012 16:30	0.0013		0.0018		19		0.032	6.5	83.32	0	25.87	521.74	48.03	987.955
17/11/2012 17:30	0.0013		0.0018		17		0.031	6.87	86.43	0	24.88	278.42	52.89	987.867
17/11/2012 18:30	0.0015		0.0018		19		0.0303	6.38	90.62	0	23.15	70.74	58.79	988.051
17/11/2012 19:30	0.0015		0.0018		17		0.0279	6.58	96.9	0	21.3	7.81	65.7	988.35
17/11/2012 20:30	0.0015		0.0018		6		0.0261	6.74	92.97	0	19.84	5.47	70.67	988.772
17/11/2012 21:30	0.0016		0.0018		5		0.0244	6.29	87.98	0	18.64	5.3	74.8	989.123
17/11/2012 22:30	0.0016		0.0018		17		0.0234	6.44	83.5	0	17.71	5.27	78.04	989.056
17/11/2012 23:30	0.0016		0.0018		11		0.0236	6.01	76.81	0	17.29	5.19	79.71	988.924
18/11/2012 00:30	0.0016		0.0018		10		0.0237	5.56	78.58	0	17.11	5.2	79.53	988.879
18/11/2012 01:30	0.0016		0.0018		10		0.0226	5.11	81.26	0	16.67	5.14	82	988.595
18/11/2012 02:30	0.0016		0.0018		9		0.022	4.81	85.19	0	16.14	5.14	84.17	988.269
18/11/2012 03:30	0.0016		0.0018		6		0.0218	4.9	88.98	0	15.85	5.21	85.32	987.987
18/11/2012 04:30	0.0016		0.0018		6		0.0212	5.04	83.79	0	15.78	5.31	85.81	987.759
18/11/2012 05:30	0.0015		0.0018		9		0.0208	4.54	81.12	0	15.85	15.47	86.1	988.197
18/11/2012 06:30	0.0014		0.0018		11		0.0215	4.28	89.85	0	16.68	120.99	84.47	988.699
18/11/2012 07:30	0.0015		0.0023		10		0.0225	4.79	80.15	0	18.34	366.9	79.09	988.601
18/11/2012 08:30	0.0026		0.0119		18		0.0229	5.07	61.34	0	19.99	580.19	73.28	988.408
18/11/2012 09:30	0.004		0.0201		24		0.0235	4.5	47.54	0	21.89	578.85	67.36	988.26
18/11/2012 10:30	0.0032		0.0194		32		0.027	4.24	47.61	0	23.67	864.17	62.52	988.003
18/11/2012 11:30	0.0015		0.0026		18		0.0314	3.27	30.38	0	25.61	983.88	56.21	987.431
18/11/2012 12:30	0.0014		0.0022		18		0.0361	2.38	4.5	0	27.47	1008.53	47.71	986.726
18/11/2012 13:30	0.0014		0.002		23		0.04	0.97	26.98	0	28.84	977.74	40.19	985.961
18/11/2012 14:30	0.0013		0.0019		19		0.0428	0.7	47.62	0	29.76	870.43	34.33	985.27
18/11/2012 15:30	0.0013		0.0019		17		0.0435	0.47	28.14	0	30.16	655.67	34.53	984.421
18/11/2012 16:30	0.0014		0.0019		16		0.0446	0.41	51.97	0	30.63	513.97	33.76	983.798
18/11/2012 17:30	0.0017		0.0019		56		0.0446	0.4	122.86	0	31.06	299.27	33.37	983.228
18/11/2012 18:30	0.0022		0.0043		57		0.0451	0.4	112.22	0	29.27	87.55	39.28	983.213
18/11/2012 19:30	0.0025		0.0061		66		0.0451	1.84	142.29	0	26.84	7.18	46.55	983.279
18/11/2012 20:30	0.002		0.0024		33		0.0336	4.7	111.53	0	24.6	5.57	63.07	983.216
18/11/2012 21:30	0.0021		0.0035		33		0.0351	4.61	109.32	0	23.24	5.42	70.3	983.842
18/11/2012 22:30	0.0022		0.0023		35		0.0347	4.03	122.53	0	22.54	5.3	70.58	984.276
18/11/2012 23:30	0.0027		0.0021		28		0.0277	2.92	95.33	1.8	20.84	5.31	81.74	984.476
19/11/2012 00:30	0.0026		0.002		19		0.0254	3.35	89.89	0	19.47	5.42	88.1	983.571
19/11/2012 01:30	0.0034		0.002		14		0.0258	2.82	5.91	0	18.97	5.41	88.55	983.175
19/11/2012 02:30	0.0031		0.0018		12		0.0362	2.7	18.32	0	18.75	5.35	81.98	982.073
19/11/2012 03:30	0.0035		0.0019		10		0.0335	1.83	356.92	0	18.76	5.33	80.82	981.399
19/11/2012 04:30	0.0034		0.0018		9		0.0324	3.2	312.8	0	18.6	5.41	83.18	981.629
19/11/2012 05:30	0.0032		0.0019		9		0.0276	3.18	285.16	0	18.42	15.87	92.37	982.574
19/11/2012 06:30	0.0024		0.0018		7		0.0323	4.62	274.19	0	18.63	142.16	91.12	983.312
19/11/2012 07:30	0.0022		0.0019		7		0.0353	5.2	285.08	0	19.7	320.71	84.75	983.624
19/11/2012 08:30	0.0024		0.0018		985	IU	0.035	5.21	270.77	0	20.76	399.78	79.57	983.981
19/11/2012 09:30	0.0024		0.0019		985	IU	0.0367	4.81	264.27	0	21.45	293.34	76.58	984.429
19/11/2012 10:30	0.0022		0.0018		15		0.0393	4.97	269.02	0	22.35	573.46	72.49	984.104
19/11/2012 11:30	0.0019		0.0018		16		0.0447	5.04	286.39					

21/11/2012 01:30	0.0018		0.0018		9		0.0305		3.59		92.94		0		17.66		5.55		86.21		985.321
21/11/2012 02:30	0.002		0.0018		11		0.0283		3.35		87.28		0		16.96		5.52		86.78		985.253
21/11/2012 03:30	0.0019		0.0019		14		0.032		3.44		91.76		0		16.92		5.51		81.27		985.519
21/11/2012 04:30	0.0049		0.0019		12		0.0296		3.09		103.42		0		16.87		5.54		79.47		986.036
21/11/2012 05:30	0.0034		0.0019		16		0.0296		3.59		100.68		0		16.36		21.65		83.04		986.424
21/11/2012 06:30	0.0023		0.0019		16		0.0282		4.45		94.81		0		16.48		176.74		86.83		987.212
21/11/2012 07:30	0.0029		0.0021		14		0.0272		4.72		82.74		0		17.48		396.79		85.25		987.796
21/11/2012 08:30	0.0028		0.0027		23		0.0309		4.76		71.81		0		19.07		608.69		78.82		987.943
21/11/2012 09:30	0.0015		0.0025		16		0.0337		4.53		60.59		0		21.21		794.34		67.92		987.867
21/11/2012 10:30	0.0014		0.002		12		0.0352		4.05		63.21		0		23.12		938.24		61.02		987.457
21/11/2012 11:30	0.0013		0.0021		19		0.0376		4.38		62.9		0		25.15		1016.61		50.69		987.089
21/11/2012 12:30	0.0012		0.002		12		0.0353		4.48		65.72		0		26.7		1033.31		43.87		986.184
21/11/2012 13:30	0.0012		0.0019		21		0.0335		4.55		67.87		0		27.9		994.81		40.78		985.49
21/11/2012 14:30	0.0014		0.002		17		0.0346		4.35		63.98		0		28.66		893.96		39.34		985.015
21/11/2012 15:30	0.0015		0.0019		19		0.0345		5.02		72.61		0		28.8		718.94		40.88		984.208
21/11/2012 16:30	0.0014		0.0019		15		0.0351		5.72		81.84		0		28.7		522.83		41.38		983.868
21/11/2012 17:30	0.0015		0.0019		18		0.0365		5.58		79.15		0		28.33		319.94		42.67		983.711
21/11/2012 18:30	0.0016		0.0019		29		0.033		5.94		88.52		0		26.65		114.06		52.36		983.694
21/11/2012 19:30	0.0019		0.0019		28		0.0304		5.94		92.47		0		23.93		9.69		62.84		984.158
21/11/2012 20:30	0.0018		0.0019		21		0.0283		5.96		85.82		0		22		5.48		68.9		984.35
21/11/2012 21:30	0.0017		0.0019		15		0.0256		5.98		77.95		0		20.52		5.43		75.3		984.128
21/11/2012 22:30	0.0018		0.0019		14		0.0238		6.01		66.09		0		19.59		5.3		80.48		983.932
21/11/2012 23:30	0.0018		0.0019		17		0.0235		6.2		63.89		0		18.78		5.44		79.68		983.929
22/11/2012 00:30	0.0016		0.0019		11		0.0241		6.46		67.8		0		17.82		5.48		78.26		983.476
22/11/2012 01:30	0.0016		0.0019		10		0.0237		5.8		67.76		0		17.02		5.52		80.26		982.961
22/11/2012 02:30	0.0017		0.0018		12		0.0226		5.72		73.22		0		16.4		5.55		83.18		982.27
22/11/2012 03:30	0.002		0.0019		11		0.0222		6.25		74.62		0		16.35		5.54		84.07		981.636
22/11/2012 04:30	0.0017		0.0018		9		0.0228		5.85		72.65		0		16.53		5.56		84.18		981.746
22/11/2012 05:30	0.0018		0.0019		11		0.0225		5.17		70.38		0		16.71		21.01		84.12		981.964
22/11/2012 06:30	0.0019		0.002		14		0.0224		5.27		71.65		0		17.63		163.74		81.51		982.119
22/11/2012 07:30	0.0027		0.0047		17		0.0234		6.42		58.72		0		19.56		360.05		76.67		982.061
22/11/2012 08:30	0.0016		0.0025		27		0.0279		6.65		35.18		0		22.09		586.7		69.63		981.947
22/11/2012 09:30	0.0017		0.002		28		0.0315		6.42		25.78		0		24.28		768.63		63.98		981.562
22/11/2012 10:30	0.0017		0.002		30		0.035		5.89		19.11		0		26.29		746.58		59.34		981.288
22/11/2012 11:30	0.0017		0.002		24		0.0401		5.76		10.96		0		27.91		698.38		54.08		980.94
22/11/2012 12:30	0.0018		0.002		29		0.0425		4.96		14.54		0		28.8		616.66		52.7		980.253
22/11/2012 13:30	0.0018		0.002		25		0.048		4.98		16.32		0		30.72		917.42		47.55		979.24
22/11/2012 14:30	0.0018		0.002		31		0.0531		4.6		4.72		0		32.03		692.42		43.58		978.39
22/11/2012 15:30	0.002		0.002		32		0.0556		3.26		348.47		0		32.2		372.09		44.12		977.448
22/11/2012 16:30	0.0025		0.0019		82		0.0465		5.66		199.48		0		27.62		125.72		60.22		977.708
22/11/2012 17:30	0.0022		0.0019		73		0.0386		7.24		201.55		0		25.82		44.96		64.22		979.098
22/11/2012 18:30	0.002		0.002		985	IU	0.0423		7.3		216.07	0.6			22.04		18.7		76.88		980.751
22/11/2012 19:30	0.0026		0.0019		985	IU	0.0409		5.15		199.34	0.2			20.09		7.16		87.56		981.047
22/11/2012 20:30	0.0024		0.0019		10		0.0367		4.61		100.35		0		19.74		5.47		89.73		979.245
22/11/2012 21:30	0.0023		0.0019		12		0.0365		3.67		118.82		0		20.52		5.27		84.31		980.279
22/11/2012 22:30	0.0031		0.0019		12		0.0322		1.61		356.76		0		20.93		5.29		82.53		981.269
22/11/2012 23:30	0.0032		0.0019		7		0.0312		3.12		279.66		0		20.15		5.26		87.72		981.023
23/11/2012 00:30	0.0034		0.0019		4		0.029		1.94		305.14		0		20.04		5.36		89.11		980.235
23/11/2012 01:30	0.0038		0.002		6		0.0255		3.82		208.27		0		19.82		5.31		89.75		980.197
23/11/2012 02:30	0.004		0.0019		9		0.0222		3.23		217.38		0		19.14		5.24		94.2		980.247
23/11/2012 03:30	0.0036		0.0019		11		0.0253		2.51		219.18		0		19.26		5.23		93.78		980.177
23/11/2012 04:30	0.0037		0.0019		13		0.0254		1.54		245.69		0		19.34		5.25		92.39		980.305
23/11/2012 05:30	0.0029		0.0019		11		0.0315		3		217.08		0		19.39		14.62		91		980.359
23/11/2012 06:30	0.0033		0.0019		9		0.028		3.57		213.38		0		19.32		60.2		92.21		981.058
23/11/2012 07:30	0.0032		0.0019		16		0.0274		3.77		200.69		0		19.53		92.6		92.08		981.718
23/11/2012 08:30	0.0031		0.0019		13		0.0278		3.8		181.99		0		20.35		303.95		88.07		981.857
23/11/2012 09:30	0.0023		0.0019		22		0.0289		3.92		152.78		0		21.27		478.42		83.78		981.794
23/11/2012 10:30	0.0018		0.0019		16		0.0336		3.87		129.18		0		22.36		617.15		78.37		981.417
23/11/2012 11:30	0.0016		0.0019		16		0.0377		3.48		140.74		0		23.62		785.39		71.54		981.027
23/11/2012 12:30	0.0016		0.0019		18		0.038		3.68		152.93		0		24.31		673.24		68.03		980.727
23/11/2012 13:30	0.0016		0.0019		166		0.0383		4.08		143.77		0		24.27		482.25		67.68		980.677
23/11/2012 14:30	0.0016		0.0019		24		0.0376		5.02		136.98		0		23.87		357.26		68.88		980.361
23/11/2012 15:30	0.0014		0.0019		15		0.0377		4.26		134.78		0		23.79		240.04		68.22		980.028
23/11/2012 16:30	0.0018		0.0019		31		0.0339		4.52		126.56		0		23.22		183.65		72.01		979.927
23/11/2012 17:30	0.0017		0.0019		26		0.0352		5.82		149.46		0		23.05		289.38		71.41		979.561
23/11/2012 18:30	0.0016		0.0019		25		0.0345		4.73		142.59		0		22.04		82.69		73.82		979.722
23/11/2012 19:30	0.0021		0.0019		30		0.0304		3.18		128.2		0		21.14		12.21		79.65		980.636
23/11/2012 20:30	0.0016		0.0019		15		0.0271		6.2		132.25		0		20.3		5.37		78.97		981.405
23/11/2012 21:30	0.0016		0.0019		13		0.0264		5.29		129.2		0		18.87		5.26		82.61		982.376
23/11/2012 22:30	0.0015		0.0019		13		0.0265		5.37		147.97		0		18.1		5.18		84.4		983.34
23/11/2012 23:30	0.0015		0.0019		12		0.0263		5.72		155.14		0		17.16		5.3		83.19		983.416
24/11/2012 00:30	0.0014		0.0019		12		0.0262		6.01												

26/11/2012 04:30	0.0015	0.0019	17	0.0201	2.98	77.12	0	12.05	5.44	83.78	989.063
26/11/2012 05:30	0.0016	0.0019	20	0.0207	3.03	82.01	0	12.74	13.4	81.34	989.472
26/11/2012 06:30	0.0014	0.0019	13	0.0207	2.66	66.05	0	13.76	174.25	78.97	989.899
26/11/2012 07:30	0.0027	0.0081	22	0.0212	3.94	53.6	0	15.47	389.24	74.55	989.771
26/11/2012 08:30	0.0019	0.0038	20	0.0236	4.12	39.98	0	17.52	603.47	69.41	989.803
26/11/2012 09:30	0.0014	0.0022	23	0.028	3.97	20.21	0	20	794.36	61.06	989.596
26/11/2012 10:30	0.0015	0.002	22	0.0318	3.22	17.43	0	22.46	935.28	51.37	989.048
26/11/2012 11:30	0.0014	0.002	19	0.0345	2.8	347.97	0	24.19	1014.6	42.22	988.486
26/11/2012 12:30	0.0014	0.002	28	0.0365	1.77	340.18	0	26.06	1026.87	36.63	987.726
26/11/2012 13:30	0.0014	0.002	18	0.0383	1.88	310.52	0	27.08	1000.33	33.16	986.985
26/11/2012 14:30	0.0014	0.002	20	0.0396	2.34	296.51	0	27.41	813.75	31.73	986.233
26/11/2012 15:30	0.0017	0.002	41	0.0419	2.56	193.33	0	27.57	544.66	29.04	985.64
26/11/2012 16:30	0.0017	0.002	68	0.0425	1.67	212.68	0	27.43	452.77	28.88	985.147
26/11/2012 17:30	0.0016	0.0019	24	0.0425	0.48	147.82	0	27.97	279.58	29.66	984.831
26/11/2012 18:30	0.0021	0.002	49	0.0415	0.44	157.45	0	27.29	116.07	30.31	984.906
26/11/2012 19:30	0.0024	0.0021	54	0.0367	3.08	140.46	0	24.23	9.96	42.5	985.026
26/11/2012 20:30	0.0022	0.0021	36	0.0324	6.35	119.6	0	21.33	5.59	56.15	985.459
26/11/2012 21:30	0.0021	0.0021	35	0.0296	5.69	120.78	0	19.49	5.49	61.68	985.943
26/11/2012 22:30	0.0018	0.002	19	0.0286	5.49	116.57	0	18.36	5.25	69.51	986.056
26/11/2012 23:30	0.002	0.002	17	0.0275	4.47	98.42	0	17.9	5.26	72.96	985.901
27/11/2012 00:30	0.0021	0.002	24	0.0266	3.79	88.32	0	17.79	5.34	78.74	985.53
27/11/2012 01:30	0.0021	0.002	20	0.0258	3.6	78.21	0	17.59	5.33	82.07	985.071
27/11/2012 02:30	0.0021	0.002	21	0.0251	3.04	73.67	0	17.41	5.31	83.21	984.483
27/11/2012 03:30	0.0047	0.0034	26	0.022	2.42	65.03	0	17.13	5.31	83.39	984.063
27/11/2012 04:30	0.0037	0.0042	28	0.0233	2.19	34.2	0	16.91	5.47	83.66	983.84
27/11/2012 05:30	0.0022	0.0024	17	0.0251	2.34	10.87	0	16.76	27.6	83.72	983.918
27/11/2012 06:30	0.0022	0.0023	24	0.0249	2.22	4.29	0	17.13	135.35	81.19	984.039
27/11/2012 07:30	0.0022	0.0022	19	0.0269	2.8	357.32	0	19.02	390.65	70.98	983.919
27/11/2012 08:30	0.0021	0.0022	24	0.0324	4.39	345.9	0	21.68	607.05	57.57	983.672
27/11/2012 09:30	0.0021	0.0022	25	0.0382	3.91	348.34	0	24.12	798.25	47.59	982.898
27/11/2012 10:30	0.0018	0.0022	32	0.0424	4.17	328.73	0	26.16	934.01	40.34	982.266
27/11/2012 11:30	0.0017	0.0021	32	0.0434	4.49	298.83	0	27.36	1010.61	34.12	981.561
27/11/2012 12:30	0.0016	0.0021	30	0.0442	3.93	305.08	0	28.28	1026.21	31.83	980.761
27/11/2012 13:30	0.0016	0.0021	28	0.045	3.6	284.88	0	29.15	990.71	29.32	979.768
27/11/2012 14:30	0.0017	0.0021	53	0.0456	3.45	273.97	0	29.56	819.25	28.73	978.879
27/11/2012 15:30	0.0017	0.0021	48	0.0458	3.5	288.43	0	29.78	592.79	27.71	978.172
27/11/2012 16:30	0.0017	0.0021	40	0.0461	3.76	282.35	0	30.01	516.82	27.46	977.446
27/11/2012 17:30	0.0016	0.0021	43	0.046	3.72	277.16	0	29.82	321.46	28.06	976.925
27/11/2012 18:30	0.0022	0.0022	70	0.0444	3.12	291.71	0	28.84	115.44	31.36	976.791
27/11/2012 19:30	0.0024	0.0021	99	0.0419	2.23	275.37	0	26.81	11.17	35.82	976.844
27/11/2012 20:30	0.0032	0.0021	109	0.0404	0.93	287.01	0	25.91	5.64	38.97	976.922
27/11/2012 21:30	0.0034	0.0022	119	0.0399	0.9	284.57	0	25.52	5.61	40.88	977.492
27/11/2012 22:30	0.0031	0.0021	71	0.0398	2.04	285.34	0	25.21	5.53	42.02	977.903
27/11/2012 23:30	0.0027	0.0021	29	0.038	2.78	170.05	0	23.34	5.46	48.46	978.046
28/11/2012 00:30	0.0022	0.0019	23	0.0387	4.47	125.36	0	19.7	5.52	58.69	978.501
28/11/2012 01:30	0.0023	0.0019	14	0.0388	2.69	102.34	0	18.59	5.53	62.87	977.864
28/11/2012 02:30	0.0025	0.0019	14	0.0376	1.96	70.04	0	17.97	5.53	65.13	977.495
28/11/2012 03:30	0.0024	0.0019	16	0.0369	2.24	33.2	0	17.64	5.57	67.1	977.452
28/11/2012 04:30	0.0029	0.0052	17	0.0356	1.65	11.07	0	17.71	5.59	67.17	977.562
28/11/2012 05:30	0.0028	0.0048	13	0.0346	2.11	19.76	0	17.68	20.96	68.2	977.773
28/11/2012 06:30	0.0024	0.0023	12	0.0355	1.89	0.07	0	19.06	177.34	63.63	978.368
28/11/2012 07:30	0.0037	0.0035	45	0.0351	2.82	168.32	0	20.58	272.84	58.24	979.325
28/11/2012 08:30	0.0021	0.003	19	0.0395	2.29	76.47	0	23.2	618.71	51.3	979.699
28/11/2012 09:30	0.002	0.0022	20	0.0426	2.73	25.67	0	24.78	779.48	48.74	979.75
28/11/2012 10:30	0.002	0.0037	41	0.0454	3.03	128.98	0	26.05	928.29	46.51	980.061
28/11/2012 11:30	0.0019	0.0034	29	0.05	2.15	78.1	0	28.67	1005.1	40.14	979.905
28/11/2012 12:30	0.0019	0.0036	25	0.0538	2.69	98.87	0	29.36	921.67	38.72	979.547
28/11/2012 13:30	0.0018	0.0032	31	0.0555	1.71	110.27	0	30.53	833.31	35.67	979.273
28/11/2012 14:30	0.0023	0.0027	42	0.0527	1.5	120.4	0.2	29.65	194.92	37.59	979.029
28/11/2012 15:30	0.0023	0.0026	34	0.0499	4.05	133.84	0	27.98	238.19	45.34	978.928
28/11/2012 16:30	0.0021	0.0024	23	0.0488	3.82	135.87	0	27.04	274.61	47.01	978.768
28/11/2012 17:30	0.0026	0.0022	17	0.0459	2.83	92.17	0	26.19	144.23	52.54	979.144
28/11/2012 18:30	0.0025	0.0021	17	0.0436	4.18	90	0	24.16	55.89	60.09	980.285
28/11/2012 19:30	0.0022	0.0021	22	0.0442	6.27	113.6	0	23.19	8.06	62.28	981.036
28/11/2012 20:30	0.0024	0.0021	22	0.0385	5.63	97.2	0	21.71	5.61	68.59	982.03
28/11/2012 21:30	0.0021	0.002	14	0.0372	5.45	94.18	0	20.81	5.52	70.41	983.156
28/11/2012 22:30	0.0022	0.002	17	0.0359	5.91	123.45	0	19.14	5.44	76.96	983.544
28/11/2012 23:30	0.0021	0.002	10	0.0323	7.73	133.86	0	18.1	5.51	88.64	984.598
29/11/2012 00:30	0.0017	0.002	11	0.0341	8	119.18	0	17.88	5.49	90.53	984.536
29/11/2012 01:30	0.0017	0.002	11	0.0304	6.47	99	0	17.42	5.5	91.95	984.034
29/11/2012 02:30	0.0018	0.0019	11	0.0319	5.36	110.3	0	17.36	5.46	89.79	984.012
29/11/2012 03:30	0.0019	0.002	18	0.0242	6.46	127.62	0	17.05	5.44	93.03	984.412
29/11/2012 04:30	0.0019	0.002	14	0.0223	6.16	116.82	0	17.1	5.49	93.36	984.301
29/11/2012 05:30	0.002	0.0019	17	0.0201	5.93	113.64	0	17.15	13.45	93.97	985.11
29/11/2012 06:30	0.0018	0.0019	20	0.0198	7.18	116.48	0	17.45	97.47	92.7	985.248
29/11/2012 07:30	0.0017	0.0019	24	0.0201	7.1	110.8	0	18.25	153.58	88.91	986.028
29/11/2012 08:30	0.0015	0.0019	27	0.0237	6.88	94.56	0	19.58	261.5	81.53	986.89
29/11/2012 09:30	0.0014	0.002	24	0.0268	7.24	90.12	0	20.85	486.86	75.88	986.605
29/11/2012 10:30	0.0013	0.002	22	0.029	7.16	90.99	0	22.07	648.99	70.22	986.905
29/11/2012 11:30	0.0014	0.002	24	0.0315	6.33	93.45	0	23.24	708.17	65.78	987.505
29/11/2012 12:30	0.0014	0.002	35	0.034	7.25	99.66	0	24.21	811.25	61.81	986.932
29/11/2012 13:30	0.0013	0.002	33	0.036	7.35	96.97	0	25.04	889.67	58.24	986.322
29/11/2012 14:30	0.0013	0.002	37	0.0369	7.24	98.76	0	26.01	807.94	54.62	985.851
29/11/2012 15:30	0.0014	0.002	36	0.0376	7.32	95.95	0	26.25	674.8	53.01	985.203
29/11/2012 16:30	0.0013	0.002	29	0.0373	8.15	97.48	0	26.06	536.61	52.87	984.605
29/11/2012 17:30	0.0014	0.002	37	0.0335	8.78	95.89	0	25.05	329.4	57.05	984.435
29/11/2012 18:30	0.0014	0.002	35	0.0314	8.65	94.48	0	23.65	130.33	60.64	984.838
29/11/2012 19:30	0.0015	0.002	34	0.0272	7.95	90.95	0	21.59	13.13	67.41	985.493
29/11/2012 20:30	0.0016	0.002	30	0.0254	7.41	86.74	0	20.12	5.43	72.36	985.952
29/11/2012 21:30	0.0017	0.002	22	0.0228	7.15	83.29	0	19.13	5.39	75.96	986.581
29/11/2012 22:30	0.0016	0.002	26	0.0237	6.74	88.51	0	18.76	5.37	77.3	986.914
29/11/2012 23:30	0.0016	0.002	23	0.0226	6.52	90.31	0	18.42	5.24	80.15	986.904
30/11/2012 00:30	0.0016	0.0019	23	0.023	6.75	84.31	0	18.4	5.27	80.98	986.461
30/11/2012 0											