

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 1.0 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
01/04/2012 00:30	0.0018		0.0019		8		0.0212		4,07		79,98		0		17,37		7,78		90,5		990,399	
01/04/2012 01:30	0.0018		0.0019		10		0.0203		4,3		80,62		0		17,03		8,4		89,34		990,235	
01/04/2012 02:30	0.0016		0.0019		8		0.0215		4,51		75,57		0		16,91		8,44		87,57		989,65	
01/04/2012 03:30	0.0021		0.002		10		0.0211		4,24		80,54		0		16,54		8,45		88,19		989,309	
01/04/2012 04:30	0.0032		0.0024		7		0.0191		3,87		84,88		0		16,12		8,51		89,13		989,079	
01/04/2012 05:30	0.0041		0.0026		4		0.0181		3,8		86,84		0		16,04		8,59		89,12		989,206	
01/04/2012 06:30	0.0051		0.0036		17		0.0171		3,98		89,86		0		16,07		11,4		89,19		989,558	
01/04/2012 07:30	0.0042		0.0052		10		0.0184		3,7		86,53		0		16,82		121,21		85,68		989,996	
01/04/2012 08:30	0.0034		0.0112		10		0.0201		3,98		77,82		0		18,12		328,07		81,06		990,256	
01/04/2012 09:30	0.0022		0.0064		11		0.0212		4,33		63,95		0		19,52		523,29		77,4		990,072	
01/04/2012 10:30	0.0018		0.0036		17		0.0252		4,13		51,31		0		22,41		686,75		67,7		989,73	
01/04/2012 11:30	0.0016		0.0022		18		0.0279		3,81		38,79		0		24,96		794,46		58,06		989,266	
01/04/2012 12:30	0.0016		0.0021		25		0.0308		3,14		29,59		0		26,49		836,83		51,66		988,431	
01/04/2012 13:30	0.0016		0.002		15		0.0341		2,98		11,61		0		27,75		811,36		44,5		987,458	
01/04/2012 14:30	0.0016		0.002		14		0.039		2,52		15,04		0		28,62		661,27		38,62		986,522	
01/04/2012 15:30	0.0016		0.002		16		0.042		1,87		18,4		0		29,37		542,07		35,42		985,91	
01/04/2012 16:30	0.0016		0.002		24		0.0439		1,47		332,65		0		29,46		358,54		33,93		985,58	
01/04/2012 17:30	0.0018		0.002		23		0.0425		1,21		46,1		0		29,1		168,57		36,15		985,425	
01/04/2012 18:30	0.0024		0.002		49		0.0405		1,25		117,65		0		27		22,62		39,25		985,418	
01/04/2012 19:30	0.0031		0.0028		56		0.0348		3,79		144,62		0		24,81		4,98		54,13		985,558	
01/04/2012 20:30	0.0022		0.0023		28		0.0264		4,52		114,86		0		21,98		4,93		73,63		986,219	
01/04/2012 21:30	0.0021		0.0021		18		0.0238		3,57		98,5		0		21,22		6,44		78,46		986,813	
01/04/2012 22:30	0.0023		0.0022		11		0.0221		3,08		89,43		0		20,52		8,25		79,97		987,092	
01/04/2012 23:30	0.0038		0.0062		22		0.0211		2,62		75,39		0		20,39		8,44		77,93		987,084	
02/04/2012 00:30	0.0044		0.0079		27		0.0214		2,53		69,14		0		19,99		8,48		76,84		987,183	
02/04/2012 01:30	0.0031		0.0042		17		0.0242		1,9		63,53		0		19,73		8,52		75,49		987,275	
02/04/2012 02:30	0.0023		0.0026		16		0.0259		2,02		79,27		0		19,27		8,49		76,49		986,965	
02/04/2012 03:30	0.0023		0.0023		18		0.026		2,18		86,41		0		18,77		8,52		78,29		986,502	
02/04/2012 04:30	0.0023		0.0023		20		0.025		2,27		92,22		0		18,22		8,53		80,22		986,369	
02/04/2012 05:30	0.0023		0.0024		11		0.0253		1,8		94		0		17,9		8,68		81,24		986,538	
02/04/2012 06:30	0.0025		0.0025		23		0.0253		1,52		97,26		0		17,64		10,56		82,02		986,886	
02/04/2012 07:30	0.0021		0.0025		12		0.0258		0,98		63,64		0		18,82		122,26		76,42		987,288	
02/04/2012 08:30	0.0019		0.0023		28		0.0256		1,75		13,74		0		20,57		333,38		69,48		987,472	
02/04/2012 09:30	0.0018		0.0022		10		0.0264		2,46		16,12		0		22,58		535,75		62,35		987,482	
02/04/2012 10:30	0.0017		0.0021		15		0.0272		2,51		1,8		0		24,67		698,21		57,02		987,382	
02/04/2012 11:30	0.0017		0.002		16		0.0331		2,65		352,42		0		27,09		801,22		46,88		987,182	
02/04/2012 12:30	0.0015		0.002		23		0.0441		1,85		12,38		0		29,24		859,19		32,57		986,826	
02/04/2012 13:30	0.0017		0.002		25		0.0456		1,74		235,45		0		29,71		833,98		30,11		986,164	
02/04/2012 14:30	0.0015		0.002		19		0.0467		2,18		146,91		0		29,58		731,32		30,67		985,618	
02/04/2012 15:30	0.0017		0.002		49		0.0474		2,34		162,56		0		29,41		572,98		31,07		985,258	
02/04/2012 16:30	0.002		0.002		45		0.0476		2,03		148,67		0		29,29		379,63		31,33		985,179	
02/04/2012 17:30	0.0031		0.0021		84		0.0452		2,24		189,75		0		28,31		166,47		33,92		985,238	
02/04/2012 18:30	0.0067		0.0023		93		0.0412		2,47		166,92		0		26,88		18,13		36		985,229	
02/04/2012 19:30	0.0024		0.0021		51		0.0425		4,55		147,76		0		24,78		6,33		46,66		985,978	
02/04/2012 20:30	0.0021		0.0023		32		0.0354		4,8		122,44		0		22,51		4,77		70,69		986,648	
02/04/2012 21:30	0.002		0.0027		22		0.0346		4,58		115,4		0		22,13		4,17		73,44		986,676	
02/04/2012 22:30	0.0023		0.0028		24		0.0322		3,71		104,42		0		21,11		4,45		77,44		986,933	
02/04/2012 23:30	0.0021		0.0027		28		0.0326		3,49		110,63		0		20,55		5,06		74,57		986,812	
03/04/2012 00:30	0.0018		0.0026		22		0.0368		4,11		113,14		0		21,12		7,01		64,19		986,644	
03/04/2012 01:30	0.0022		0.003		17		0.0349		3,24		96,04		0		20,61		8,15		66,37		986,855	
03/04/2012 02:30	0.0026		0.0029		25		0.0349		2,65		91,52		0		20,32		8,56		64,94		986,731	
03/04/2012 03:30	0.0024		0.0028		26		0.035		2,81		97,42		0		20,06		8,3		66,27		986,455	
03/04/2012 04:30	0.0032		0.0033		22		0.0339		2,79		95,66		0		19,85		8,64		66,03		986,047	
03/04/2012 05:30	0.0059		0.0041		30		0.0296		3,47		110,23		0		19,35		6,62		68,31		986,303	
03/04/2012 06:30	0.0043		0.0032		30		0.0323		3,37		103,74		0		18,83		7,03		70,55		986,636	
03/04/2012 07:30	0.0028		0.0036		31		0.034		2,99		110,35		0		19,3		116,57		68,74		987,045	
03/04/2012 08:30	0.0028		0.0034		55		0.0336		3,02		107,13		0		21,13		337,91		63,78		987,503	
03/04/2012 09:30	0.0023		0.0027		35		0.0327		2,32		96,79		0		21,33		337,68		65,22		988,012	
03/04/2012 10:30	0.0027		0.0025		27		0.0356		1,8		89,07		0		22,09		268,18		59,99		988,212	
03/04/2012 11:30	0.0032		0.0023		27		0.0345		1,62		90,61		0		22,35		218,84		60,3		987,771	
03/04/2012 12:30	0.0025		0.0031		32		0.0331		2,62		105,53		0		22,57		296,84		64,4		986,89	
03/04/2012 13:30	0.003		0.0023		54		0.0358		1,76		237,42		0		23,36		267,16		61,1		986,58	
03/04/2012 14:30	0.0025		0.0023		34		0.039		1,24		107,18		0		24,95		310,56		53,72		985,903	
03/04/2012 15:30	0.0021		0.0023		22		0.0383		1,51		83,9		0		25,35		292,91		54,14		985,632	
03/04/2012 16:30	0.0024		0.0042		35		0.0387		2,13		84,92		0		25							

05/04/2012 16:30	0,002		0,002	6	0,0274	5,02	251,4	0,8	18,54	88,67	91,79	980,17
05/04/2012 17:30	0,0019		0,002	6	0,0254	4,56	228,03	0	18,3	83,71	87,39	980,728
05/04/2012 18:30	0,002		0,002	5	0,0236	3,37	214,71	0	17,75	16,04	86,61	981,376
05/04/2012 19:30	0,003		0,002	9	0,0209	1,34	186,72	0	16,69	3,26	88,58	982,438
05/04/2012 20:30	0,0024		0,002	17	0,0209	2,61	201,18	0	16,44	8,14	88,92	983,165
05/04/2012 21:30	0,0028		0,002	16	0,0189	2,61	197,21	0	15,76	8,24	90,03	983,447
05/04/2012 22:30	0,0023		0,002	9	0,0174	2,36	202,91	0	15,31	7,82	92,44	983,707
05/04/2012 23:30	0,0022		0,002	9	0,0169	2,09	181,82	0	14,94	8,3	90,9	983,965
06/04/2012 00:30	0,0022		0,002	15	0,018	2,92	187,83	0	14,21	8,37	87,23	983,882
06/04/2012 01:30	0,0018		0,002	17	0,0192	2,99	181,47	0	13,55	8,42	82,18	983,763
06/04/2012 02:30	0,0018		0,0019	14	0,0193	2,61	185,92	0	13,02	8,33	81,03	983,684
06/04/2012 03:30	0,0018		0,002	16	0,0195	2,21	180,28	0	12,36	8,39	80,58	983,756
06/04/2012 04:30	0,0016		0,002	12	0,0219	3	162,98	0	12,7	8,38	76,79	983,722
06/04/2012 05:30	0,0013		0,0019	21	0,0242	3,22	146,16	0	13,25	8,5	68,58	984,253
06/04/2012 06:30	0,0013		0,002	20	0,0236	2,14	124,54	0	13,11	10,61	63,11	984,666
06/04/2012 07:30	0,0016		0,0019	23	0,0198	0,99	350,35	0	12,06	118,25	77,71	985,385
06/04/2012 08:30	0,0015		0,002	17	0,0197	2,05	340,74	0	13,15	332,7	80,56	985,823
06/04/2012 09:30	0,0015		0,002	15	0,0199	2,59	332,5	0	14,71	528,75	77,62	986,148
06/04/2012 10:30	0,0016		0,0021	21	0,0238	3,49	318,59	0	16,34	685,72	66,78	986,501
06/04/2012 11:30	0,0018		0,0021	20	0,0301	3,48	293,32	0	17,86	791,27	53,73	986,617
06/04/2012 12:30	0,0017		0,0022	32	0,0319	3,98	266,03	0	18,9	829,8	45,52	986,122
06/04/2012 13:30	0,0017		0,0021	30	0,0323	4,52	257,17	0	19,76	805,13	38,38	985,541
06/04/2012 14:30	0,0016		0,0021	25	0,032	4,5	256,16	0	20,25	711,33	35,1	984,951
06/04/2012 15:30	0,0016		0,0021	23	0,0315	3,97	248,13	0	20,52	547,81	33,91	984,574
06/04/2012 16:30	0,0017		0,0021	18	0,0307	3,61	260,38	0	20,54	358,11	35,66	984,262
06/04/2012 17:30	0,0021		0,0022	17	0,029	2,64	251,52	0	19,93	134,41	39,11	984,016
06/04/2012 18:30	0,0035		0,0022	32	0,0257	2,1	247,97	0	17,93	9,19	45,87	984,448
06/04/2012 19:30	0,003		0,0022	25	0,027	2,45	252,93	0	17,29	5,34	45,83	984,949
06/04/2012 20:30	0,003		0,0022	23	0,0284	2,31	267,93	0	17,56	8,15	44,75	985,32
06/04/2012 21:30	0,0023		0,0021	18	0,0287	2,16	273,66	0	17,4	8,3	46,76	985,568
06/04/2012 22:30	0,002		0,0021	12	0,0275	2,43	281,9	0	16,26	8,37	53,12	985,845
06/04/2012 23:30	0,002		0,0021	17	0,0265	2,43	280,63	0	15,79	8,27	56,66	985,596
07/04/2012 00:30	0,0021		0,0021	12	0,0258	2,72	293,7	0	15,49	8,36	58,56	984,93
07/04/2012 01:30	0,0022		0,0021	17	0,0249	2,7	285,78	0	15,03	8,29	62,56	984,647
07/04/2012 02:30	0,0021		0,0021	13	0,0254	2,96	283,82	0	14,94	8,3	64,03	984,454
07/04/2012 03:30	0,0022		0,0021	18	0,024	2,99	284,49	0	14,34	8,34	67,68	983,987
07/04/2012 04:30	0,0021		0,0021	18	0,0236	3,32	283,93	0	14,18	8,36	68,88	983,81
07/04/2012 05:30	0,0024		0,002	18	0,0223	3,21	290,68	0	13,76	8,54	70,97	983,575
07/04/2012 06:30	0,0022		0,0021	13	0,0215	2,97	295,79	0	13,52	11,17	72,98	983,602
07/04/2012 07:30	0,0025		0,0021	13	0,0219	2,7	297,65	0	14,09	75,67	70,34	984,102
07/04/2012 08:30	0,0024		0,0021	13	0,0203	2,83	314,55	0	14,56	262,94	72,1	984,916
07/04/2012 09:30	0,0023		0,0021	16	0,0198	3,25	312,58	0	15,71	479,79	72,49	985,194
07/04/2012 10:30	0,0023		0,0021	20	0,0253	4,6	301,72	0	18,76	694	63,75	985,073
07/04/2012 11:30	0,0019		0,0021	35	0,0301	4,89	304,08	0	21,32	792,03	53,91	984,718
07/04/2012 12:30	0,0018		0,0021	40	0,0347	5,5	296,97	0	22,81	831,16	41,44	983,885
07/04/2012 13:30	0,0017		0,0022	39	0,0359	5,6	297,73	0	23,66	804,75	36,63	982,927
07/04/2012 14:30	0,0016		0,0022	38	0,0355	5,37	297,54	0	24,24	709,57	33,7	982,036
07/04/2012 15:30	0,0017		0,0022	37	0,0349	4,74	290,58	0	24,66	552,18	33,33	981,756
07/04/2012 16:30	0,0017		0,0022	31	0,0347	4,68	299,87	0	24,55	356,33	34,79	981,324
07/04/2012 17:30	0,002		0,0022	37	0,033	3,38	295,91	0	23,91	149,44	37,73	981,101
07/04/2012 18:30	0,003		0,0022	53	0,0311	2,38	283,1	0	22,22	12,66	43,21	981,31
07/04/2012 19:30	0,0041		0,0023	53	0,0304	2,29	290,2	0	21,2	5,54	45,59	981,519
07/04/2012 20:30	0,0026		0,0022	32	0,0307	3,21	311,63	0	20,63	6,25	47,07	981,799
07/04/2012 21:30	0,0023		0,0021	21	0,0304	3,63	321,51	0	20,24	8,18	48,44	982,024
07/04/2012 22:30	0,0031		0,0022	36	0,0299	2,91	290,1	0	19,68	8,38	49,93	982,513
07/04/2012 23:30	0,0028		0,0022	34	0,0295	3,1	281,42	0	18,87	8,34	53,64	983,251
08/04/2012 00:30	0,0027		0,0022	19	0,03	3,23	284,03	0	18,88	8,29	52,51	983,608
08/04/2012 01:30	0,0029		0,0022	20	0,0277	2,95	292,07	0	17,93	8,38	57,14	983,716
08/04/2012 02:30	0,0031		0,0021	20	0,0245	3,1	282,4	0	16,42	8,37	63,76	983,528
08/04/2012 03:30	0,0032		0,0021	23	0,0252	3,18	288,76	0	16,36	8,46	63,95	983,409
08/04/2012 04:30	0,0032		0,0021	26	0,0246	3,18	294,89	0	15,93	8,56	65,49	983,16
08/04/2012 05:30	0,0032		0,0021	24	0,0245	2,97	286,55	0	15,7	8,68	66,88	983,684
08/04/2012 06:30	0,0031		0,0022	20	0,026	2,9	279,88	0	16,13	10,53	64,16	984,305
08/04/2012 07:30	0,0029		0,0022	27	0,0291	3,01	273,11	0	17,33	113,81	59,55	984,657
08/04/2012 08:30	0,0024		0,0021	36	0,0273	4,34	227,62	0	18,01	131,53	63,86	986,279
08/04/2012 09:30	0,0028		0,0021	24	0,0248	2,19	323,39	0	18,07	215,74	70,23	985,552
08/04/2012 10:30	0,0022		0,0021	20	0,0313	3,69	264,63	0	21,83	601,2	61,26	985,686
08/04/2012 11:30	0,0021		0,0021	21	0,034	2,76	279,58	0	23,34	586,36	58,08	985,593
08/04/2012 12:30	0,002		0,0021	15	0,033	3,65	204,52	0	23,17	742,69	63,13	985,596
08/04/2012 13:30	0,0019		0,0021	16	0,0336	2,77	212,49	0	23,79	510,86	63,03	985,075
08/04/2012 14:30	0,0019		0,0022	35	0,0339	3	188,9	0	23,96	531,24	58,95	984,956
08/04/2012 15:30	0,0019		0,0022	32	0,033	3,08	164,33	0	24,3	458,23	54,66	985,011
08/04/2012 16:30	0,0022		0,0024	38	0,0332	3,56	139,31	0	23,49	294,63	58,02	984,971
08/04/2012 17:30	0,0021		0,0022	37	0,0317	4	125,42	0	22,66	113,03	63,91	985,212
08/04/2012 18:30	0,0021		0,0022	47	0,0285	5,13	127,25	0	20,4	10,3	67,06	985,442
08/04/2012 19:30	0,0019		0,0021	33	0,0269	5,57	116,12	0	19,15	4,52	69,53	985,665
08/04/2012 20:30	0,002		0,0021	28	0,0243	5,92	110,55	0	17,85	7,26	71,94	986,706
08/04/2012 21:30	0,0019		0,0021	35	0,0231	6,8	116,03	0	16,72	8,23	75,2	987,654
08/04/2012 22:30	0,0019		0,0021	23	0,0217	6,3	115,55	0	15,78	8,38	79,69	988,477
08/04/2012 23:30	0,0018		0,0021	22	0,0205	5,58	117,35	0	15,01	8,37	84,8	989,078
09/04/2012 00:30	0,0018		0,002	19	0,0204	6,11	118,12	0	14,71	8,28	90,38	989,312
09/04/2012 01:30	0,0018		0,002	15	0,0184	5,38	108,32	0	14,36	8,27	95,2	989,461
09/04/2012 02:30	0,0018		0,002	20	0,0184	5,79	109,09	0	14,28	8,26	96,38	989,127
09/04/2012 03:30	0,0018		0,002	12	0,0185	6,13	115,72	0	14,16	8,34	96,03	988,732
09/04/2012 04:30	0,0018		0,0021	13	0,018	6,15	118,4	0	13,85	8,38	96,04	988,656
09/04/2012 05:30	0,0017		0,002	13	0,017	5,31	112,24	0	13,43	8,62	96,56	988,921
09/04/2012 06:30	0,0018		0,0021	20	0,0175	5,42	118,37	0	13,39	10,34	96,2	989,239
09/04/2012 07:30	0,0016		0,0021	13	0,0182	6,27	120,16	0	13,73	117,64	94,01	989,358
09/04/2012 08:30	0,0014		0,0021	16	0,0192	5,79	109,14	0	14,85	315,98	89,62	989,82
09/04/2012 09:30	0,0014		0,0021	5	0,02	5,5	92,01	0	16,57	503,83	83,05	990,378
09/04/2012 10:30	0,0014		0,0022	19								

10/04/2012 19:30	0.002	0.0023	6	0.0209	3.59	82.35	2	18.89	5.8	96.33	987.601
10/04/2012 20:30	0.0019	0.0024	8	0.0244	4.34	94.42	1	18.85	5.48	96.31	987.283
10/04/2012 21:30	0.0018	0.0025	6	0.0225	4.55	76.25	0	19.24	8.04	95.37	987.494
10/04/2012 22:30	0.002	0.0026	8	0.0205	3.95	74.16	0	19.13	8.35	95.76	987.48
10/04/2012 23:30	0.0025	0.0024	14	0.0185	3.46	69.51	0	19.23	8.22	96.24	987.681
11/04/2012 00:30	0.0029	0.0022	10	0.0185	2.89	71.43	0	19.35	8.31	95.95	987.443
11/04/2012 01:30	0.0032	0.0023	5	0.018	3.07	72.55	0	19.48	8.24	95.77	987.129
11/04/2012 02:30	0.0032	0.0024	7	0.0168	2.16	46.69	0	19.5	8.19	95.78	986.789
11/04/2012 03:30	0.0027	0.0024	11	0.0169	2.16	25.15	0.2	19.47	8.17	95.79	986.378
11/04/2012 04:30	0.0023	0.0022	15	0.0187	2.14	319.62	0	19.37	8.31	95.55	986.072
11/04/2012 05:30	0.0021	0.0021	18	0.0221	2.29	329.16	0	19.33	8.54	94.02	986.363
11/04/2012 06:30	0.002	0.0021	12	0.0226	2.09	331.91	0	19.36	8.25	93.51	986.644
11/04/2012 07:30	0.0027	0.0021	12	0.0212	1.8	280.46	0	19.4	24	93.69	987.544
11/04/2012 08:30	0.0029	0.0021	12	0.02	1.77	269.07	0	19.83	57.12	92.23	988.459
11/04/2012 09:30	0.0024	0.0022	18	0.021	2.55	257.89	0	20.36	146.42	89.81	988.887
11/04/2012 10:30	0.0022	0.0021	16	0.022	2.99	281.29	0	20.75	215.95	90.34	988.988
11/04/2012 11:30	0.0021	0.0021	20	0.0218	2.94	287.86	0	21.36	228.81	88.23	988.73
11/04/2012 12:30	0.002	0.0021	22	0.0211	3.64	262.29	0	21.49	276.47	87.68	988.606
11/04/2012 13:30	0.002	0.0021	8	0.0226	3.56	234.54	0	22.1	417.09	84.5	988.09
11/04/2012 14:30	0.0023	0.0021	16	0.0241	3.56	235.31	0	22.82	403.71	80.51	987.686
11/04/2012 15:30	0.0021	0.0021	7	0.0241	3.35	217.73	0	23.05	329.69	79.67	987.594
11/04/2012 16:30	0.0022	0.0021	16	0.0239	3	217.53	0	22.97	219.34	79.32	987.503
11/04/2012 17:30	0.003	0.0022	10	0.0241	2.49	235.61	0	23.04	112.4	77.51	987.251
11/04/2012 18:30	0.0034	0.0022	12	0.0207	2.26	234.39	0	21.52	8.4	84.41	987.434
11/04/2012 19:30	0.0034	0.0023	27	0.0216	2.68	221.16	0	20.99	4.16	86.02	987.625
11/04/2012 20:30	0.0023	0.0022	14	0.0221	3.04	212.72	0	20.82	7.22	86.81	988.06
11/04/2012 21:30	0.002	0.0021	14	0.0225	3.21	200.71	0	20.59	7.41	87.8	988.317
11/04/2012 22:30	0.0021	0.0022	13	0.0234	3.06	201.35	0	20.77	7.64	86.96	988.543
11/04/2012 23:30	0.003	0.0021	8	0.0225	2.29	199.82	0	20.65	8.09	87.64	988.476
12/04/2012 00:30	0.002	0.0022	7	0.0219	2.08	213.55	0	20.26	8.28	89.65	988.599
12/04/2012 01:30	0.0018	0.0021	10	0.0206	2.91	191.72	0	19.6	8.23	92.4	988.599
12/04/2012 02:30	0.0018	0.0021	11	0.0186	1.31	195.31	0	18.96	8.25	93.62	988.55
12/04/2012 03:30	0.0015	0.0021	13	0.0196	3.04	162.98	0	18.43	8.27	92.33	988.193
12/04/2012 04:30	0.0015	0.0021	14	0.0187	3.13	161.95	0	17.83	8.25	94.67	988.073
12/04/2012 05:30	0.0015	0.0021	8	0.0187	3.69	175.84	0	17.28	8.48	96.25	988.233
12/04/2012 06:30	0.0017	0.0021	7	0.0189	1.3	184.69	0	16.79	9.16	96.87	988.763
12/04/2012 07:30	0.0015	0.0021	7	0.0203	2.35	141.21	0	16.72	34.37	97.13	989.289
12/04/2012 08:30	0.0015	0.0021	5	0.0199	3.23	136.2	0	16.7	78.99	97.36	989.517
12/04/2012 09:30	0.0016	0.0021	8	0.021	2.91	133.99	0	17.04	150.09	97.36	989.924
12/04/2012 10:30	0.0015	0.0021	16	0.0226	2.57	140.63	0	17.74	262.09	96.21	989.837
12/04/2012 11:30	0.0018	0.0021	16	0.0239	2.09	158.17	0	19.15	293.59	87.13	989.714
12/04/2012 12:30	0.0015	0.0021	19	0.0271	2.42	167.51	0	20.16	517.74	79.52	989.095
12/04/2012 13:30	0.0018	0.0021	10	0.0285	2.33	175.77	0	20.61	397.04	75.98	988.362
12/04/2012 14:30	0.0017	0.0021	18	0.0282	2.32	167.54	0	21.06	421.61	73.56	987.841
12/04/2012 15:30	0.0016	0.0021	9	0.026	2.78	136.03	0	20.78	351.71	72.83	987.561
12/04/2012 16:30	0.0014	0.0021	12	0.0261	1.13	50.6	0	22.29	308.54	65.3	987.203
12/04/2012 17:30	0.0016	0.0021	12	0.025	1.09	27.65	0	22.1	132.23	67.43	987.057
12/04/2012 18:30	0.0046	0.0022	6	0.0213	0.51	347.93	0	20.06	10.45	74.44	987.054
12/04/2012 19:30	0.0046	0.0022	6	0.0227	0.52	209.8	0	19.82	4.74	74.95	987.279
12/04/2012 20:30	0.0053	0.0023	21	0.0218	1.86	173.92	0	20.28	6.29	73.34	987.631
12/04/2012 21:30	0.0023	0.0022	7	0.024	3.05	164.03	0	19.65	6.63	76.32	987.847
12/04/2012 22:30	0.0019	0.0022	10	0.024	3.35	161.74	0	19.3	8.14	78.32	987.901
12/04/2012 23:30	0.0017	0.0021	13	0.0233	3.58	149.35	0	18.72	8.15	82.03	987.698
13/04/2012 00:30	0.0016	0.0021	11	0.0232	3.66	135.44	0	18.03	8.2	85.78	987.334
13/04/2012 01:30	0.0015	0.0021	9	0.0221	3.9	131.87	0	17.31	8.35	89.87	986.941
13/04/2012 02:30	0.0016	0.0021	11	0.0199	4.14	124.63	0	16.57	8.29	94.21	986.482
13/04/2012 03:30	0.0016	0.0021	9	0.0207	3.68	113.91	0	16.09	8.25	96.72	986.139
13/04/2012 04:30	0.0016	0.0021	5	0.0207	3.83	91.7	0	15.79	8.27	97.49	986.081
13/04/2012 05:30	0.0017	0.0021	5	0.0162	2.69	69.91	0	15.12	8.51	97.88	986.361
13/04/2012 06:30	0.0015	0.0021	6	0.0189	2.57	69.13	0.2	15.01	9.34	98.14	986.571
13/04/2012 07:30	0.0015	0.002	7	0.0199	2.93	58.32	0	15.29	28.83	98.17	986.849
13/04/2012 08:30	0.0016	0.0021	8	0.0195	2.56	68.18	0	15.56	80.03	98.11	987.135
13/04/2012 09:30	0.0014	0.002	9	0.0215	3.06	66.82	0	15.8	144.62	98.03	987.341
13/04/2012 10:30	0.0015	0.0021	5	0.0206	2.69	59.81	0	16.25	189.68	97.85	987.202
13/04/2012 11:30	0.0014	0.0021	6	0.021	2.61	77.69	0	17.11	330.89	95.56	986.891
13/04/2012 12:30	0.0014	0.0021	11	0.0222	2.74	111.01	0	19	598.28	86.06	986.782
13/04/2012 13:30	0.0014	0.0021	11	0.0227	2.73	136.89	0	20.21	626.09	77.36	985.928
13/04/2012 14:30	0.0013	0.0021	11	0.0229	2.31	132.28	0	20.54	410.42	74.83	985.268
13/04/2012 15:30	0.0015	0.0021	15	0.0224	2.94	146.51	0	20.39	343.49	76.47	984.88
13/04/2012 16:30	0.0018	0.0021	14	0.0215	3.8	152.47	0	19.49	135.76	80.82	984.77
13/04/2012 17:30	0.003	0.0021	10	0.0202	3.59	162.95	0	19.17	62.82	80.82	984.466
13/04/2012 18:30	0.0038	0.0022	17	0.018	3.47	167.53	0	18.74	6.24	83.78	984.579
13/04/2012 19:30	0.0018	0.0021	8	0.0198	3.97	137.54	0	18.36	4.43	85.14	984.133
13/04/2012 20:30	0.0017	0.0021	10	0.0205	5.42	118.9	0	18.66	7.51	82.88	984.267
13/04/2012 21:30	0.002	0.0021	12	0.0187	4.84	106.52	0	18.12	7.53	86.81	984.504
13/04/2012 22:30	0.0019	0.0021	13	0.0197	4.74	108.61	0	18.1	8.17	84.3	984.796
13/04/2012 23:30	0.0019	0.0021	14	0.0204	3.13	102.1	0	17.98	8.27	84.91	985.459
14/04/2012 00:30	0.0023	0.0021	17	0.0202	3.78	128.41	0	17.79	8.27	86.4	985.255
14/04/2012 01:30	0.002	0.0022	13	0.0177	3.94	147.2	0	17.22	8.39	89.76	984.575
14/04/2012 02:30	0.0021	0.0022	16	0.0158	3.63	160.39	0	16.67	8.33	94.37	984.384
14/04/2012 03:30	0.0024	0.0022	12	0.0184	3.89	120.42	0	17.04	8.3	91.5	983.28
14/04/2012 04:30	0.0023	0.0022	17	0.018	4.35	101.11	0	16.83	8.41	91.71	981.996
14/04/2012 05:30	0.0022	0.0022	12	0.0168	4.05	111.34	0.2	16.69	8.56	89.74	981.971
14/04/2012 06:30	0.0019	0.0021	18	0.0169	4.12	119.77	0	16.61	8.84	90.52	982.496
14/04/2012 07:30	0.0019	0.0021	13	0.0162	4.18	111.76	0	16.52	23.64	93.73	983.228
14/04/2012 08:30	0.0019	0.0021	15	0.0182	3.58	117.79	0	16.96	56.59	90.98	983.876
14/04/2012 09:30	0.0017	0.0021	11	0.0195	3.51	122.4	0	17.19	78.45	89.61	983.965
14/04/2012 10:30	0.0016	0.0022	8	0.0203	4.48	120.64	0	17.53	166.34	86.54	983.771
14/04/2012 11:30	0.0015	0.0022	6	0.0235	4.64	114.76	0	18.3	266.23	79.92	983.289
14/04/2012 12:30	0.0013	0.0022	16	0.0256	4.4	109.62	0	19.58	530.77	68.89	983.017
14/04/2012 13:30	0.0013	0.0022	17	0.0278	4.49	111.44	0	20.46	612.03	59.36	982.836
14/04/2012 14:30	0.0013	0.0022	11	0.0281	4.09	108.93	0	21.11	511.28	56.8	982.521
14/04/2012 15:30	0.0014	0.0022	18	0.028	3.49	111.83	0	21.09	317.23	56.04	982.447
14/04/2012 16:30	0.0										

15/04/2012 22:30	0.0016	0.0022	7	0.0292	3.02	130.36	0	19.01	8.32	81.11	989.11
15/04/2012 23:30	0.0017	0.0022	7	0.0293	2.17	119.26	0	18.57	8.17	81.78	989.345
16/04/2012 00:30	0.0018	0.0022	12	0.0268	2.04	110.1	0	17.73	8.31	86.07	989.359
16/04/2012 01:30	0.0018	0.0021	12	0.0246	2.58	112.09	0	16.89	8.35	88.67	989.267
16/04/2012 02:30	0.0018	0.0021	17	0.0214	2.86	111.16	0	16.16	8.38	93.95	988.969
16/04/2012 03:30	0.0019	0.0021	14	0.0202	2.19	99.41	0	15.7	8.36	96.72	988.848
16/04/2012 04:30	0.0018	0.0021	15	0.0209	2.21	94.7	0	15.59	8.33	96.94	989.053
16/04/2012 05:30	0.0018	0.0021	9	0.0185	2.13	79.1	0	14.62	8.62	97.53	989.759
16/04/2012 06:30	0.0017	0.0021	4	0.0179	3	95.63	0	13.47	9.25	98.27	990.181
16/04/2012 07:30	0.0019	0.0021	0	0.0199	2.75	78.69	0	14.29	42.03	98.34	990.617
16/04/2012 08:30	0.0037	0.0035	6	0.0181	2.51	50.12	0	14.96	161.21	98.16	991.23
16/04/2012 09:30	0.0025	0.0043	12	0.0221	1.72	39.45	0	15.88	327.47	97.86	991.595
16/04/2012 10:30	0.0021	0.0072	20	0.0275	1.58	39.25	0	18.71	650.41	91.69	991.447
16/04/2012 11:30	0.0018	0.0063	19	0.0313	1.94	35.44	0	21.36	757.8	72.16	991.242
16/04/2012 12:30	0.0016	0.0048	14	0.0322	2.01	18.84	0	22.6	804.2	62.6	990.749
16/04/2012 13:30	0.0016	0.0045	27	0.033	1.74	73.91	0	23.85	805.25	58.01	990.029
16/04/2012 14:30	0.0016	0.0039	14	0.0329	1.82	105.18	0	23.37	393.51	56.55	989.343
16/04/2012 15:30	0.0016	0.0036	23	0.0324	2.79	130.78	0	23.31	456.2	58.92	988.929
16/04/2012 16:30	0.0016	0.0032	21	0.0324	3.53	118.23	0	23.08	313.96	59.56	988.772
16/04/2012 17:30	0.0017	0.003	22	0.0305	3.09	117.45	0	22.3	114.23	62.59	988.639
16/04/2012 18:30	0.0018	0.0027	24	0.029	3.68	122.61	0	20.8	8.65	66.19	988.709
16/04/2012 19:30	0.0016	0.0024	15	0.0275	4.05	115.01	0	20.16	5.14	68.25	989.054
16/04/2012 20:30	0.002	0.0023	17	0.0226	4.11	107.06	0	18.9	6.7	76.69	989.294
16/04/2012 21:30	0.002	0.0022	13	0.0221	3.88	93.67	0	18.07	7.12	79.53	989.68
16/04/2012 22:30	0.002	0.0022	26	0.0219	3.3	82.99	0	17.2	8.17	82.73	989.773
16/04/2012 23:30	0.0019	0.0022	21	0.0214	3.03	59.29	0	16.59	8.68	83.77	990.119
17/04/2012 00:30	0.0044	0.0026	16	0.0179	2.48	48.69	0	16.05	8.7	84.91	989.904
17/04/2012 01:30	0.0036	0.0024	20	0.0182	2.45	51.25	0	15.59	8.76	86.66	989.653
17/04/2012 02:30	0.0023	0.0023	9	0.0186	2.65	35.25	0	15.03	8.69	89.76	989.477
17/04/2012 03:30	0.0019	0.0022	16	0.019	2.56	45.64	0	14.57	8.74	93.75	988.988
17/04/2012 04:30	0.0017	0.0022	16	0.0192	2.2	66.55	0	14.49	8.73	95.84	988.966
17/04/2012 05:30	0.0017	0.0022	19	0.019	2.48	84.07	0	14.56	8.84	95.55	989.155
17/04/2012 06:30	0.0021	0.0025	13	0.0186	2.54	100.42	0.2	14.61	9.79	95.05	989.598
17/04/2012 07:30	0.0064	0.0054	12	0.0144	2.69	100.54	0	15.22	102.07	92.53	989.766
17/04/2012 08:30	0.0058	0.0031	19	0.0164	2.74	76.15	0	17.01	298.08	84.49	990.123
17/04/2012 09:30	0.0054	0.0109	18	0.0171	3.11	49.46	0	18.33	486.6	81.08	990.362
17/04/2012 10:30	0.0031	0.0064	19	0.0189	2.92	24.58	0	19.78	631.14	77.34	989.989
17/04/2012 11:30	0.0017	0.0032	18	0.0229	3.19	11.75	0	21.16	683.3	73.09	989.628
17/04/2012 12:30	0.0014	0.0024	16	0.0252	2.98	353.16	0	22.32	770.02	69.02	989.169
17/04/2012 13:30	0.0014	0.0023	14	0.0272	1.7	327.49	0	23.63	680.27	62.97	988.308
17/04/2012 14:30	0.0015	0.0023	14	0.0283	1.34	351.2	0	24.49	604.11	59.48	987.823
17/04/2012 15:30	0.0017	0.0023	26	0.0293	1.45	326.84	0	24.86	525.1	56.56	987.837
17/04/2012 16:30	0.0015	0.0023	27	0.0319	1.48	313.6	0	24.93	324.22	51.18	987.815
17/04/2012 17:30	0.0026	0.0023	31	0.0306	1.28	276.35	0	24.05	107.38	53.12	988.381
17/04/2012 18:30	0.0064	0.0025	55	0.0247	1.29	187.92	0	22.57	7.43	61.86	988.758
17/04/2012 19:30	0.0051	0.0025	35	0.0262	2.06	148.39	0	22.07	4.6	64.22	988.828
17/04/2012 20:30	0.0025	0.0024	32	0.0273	2.82	136.56	0	21.29	6.07	69.62	989.261
17/04/2012 21:30	0.0023	0.0023	25	0.0251	3.87	143.58	0	19.88	8.37	83	989.957
17/04/2012 22:30	0.0022	0.0023	9	0.0231	3.63	134.68	0	19.38	8.44	86.36	989.993
17/04/2012 23:30	0.0021	0.0023	17	0.0232	3.27	128.51	0	19.11	8.3	86.13	989.703
18/04/2012 00:30	0.002	0.0024	11	0.0234	3.04	123.01	0	18.88	8.4	85.49	989.376
18/04/2012 01:30	0.002	0.0022	12	0.0206	2.16	124.03	0	18.26	8.49	88.75	989.286
18/04/2012 02:30	0.0019	0.0022	15	0.0228	0.84	111.35	0	18.71	8.49	84.73	989.064
18/04/2012 03:30	0.0016	0.0022	14	0.0259	0.46	107.37	0	18.81	8.48	80.53	988.851
18/04/2012 04:30	0.0018	0.0022	14	0.0267	0.8	313.96	0	18.4	8.55	82.01	988.707
18/04/2012 05:30	0.0018	0.0022	16	0.0269	1.32	284.13	0	18.86	8.67	78.67	988.915
18/04/2012 06:30	0.0024	0.0022	16	0.0223	0.68	282.64	0	17.22	9.43	89.56	989.4
18/04/2012 07:30	0.0027	0.0023	19	0.0221	1.01	255.98	0	18.85	92.42	80.68	989.752
18/04/2012 08:30	0.0025	0.0022	19	0.0152	10.76	10.76	0	20.72	295.44	79.61	990.028
18/04/2012 09:30	0.0027	0.0023	32	0.0191	1.76	336.54	0	21.31	484.77	79.14	990.461
18/04/2012 10:30	0.0018	0.0022	17	0.0216	1.89	18.43	0	22.25	647.62	76.08	990.306
18/04/2012 11:30	0.0019	0.0023	11	0.0268	1.62	14.87	0	23.91	841.81	67.43	990.089
18/04/2012 12:30	0.0019	0.0023	48	0.0279	1.78	136.99	0	24.11	673.38	64.75	989.521
18/04/2012 13:30	0.0016	0.0022	59	0.0301	1.23	76.64	0	25.05	651.14	56.77	988.434
18/04/2012 14:30	0.0022	0.0023	21	0.0311	2.13	47.99	0	25.43	880	51.45	987.716
18/04/2012 15:30	0.0017	0.0023	17	0.0328	1.64	42.23	0	26.01	505.95	44.99	987.278
18/04/2012 16:30	0.0022	0.0023	38	0.0326	2	78.19	0	25.74	317.27	43.76	986.783
18/04/2012 17:30	0.0037	0.0024	93	0.0298	1.75	108.3	0	24.84	121.96	46.6	986.58
18/04/2012 18:30	0.004	0.0024	105	0.0295	2.3	139.63	0	23.28	7.12	50.21	986.901
18/04/2012 19:30	0.0027	0.0023	40	0.0292	3.18	139.32	0	22.27	4.95	59	987.31
18/04/2012 20:30	0.0018	0.0024	26	0.0279	4.18	125.83	0	20.58	6.77	75.77	987.676
18/04/2012 21:30	0.0018	0.0028	16	0.0286	4.65	117.44	0	20.23	7.96	79.69	987.786
18/04/2012 22:30	0.002	0.0025	26	0.0259	4.1	115.21	0	19.61	8.03	86.76	987.448
18/04/2012 23:30	0.0021	0.0024	20	0.0246	3.78	115.23	0	18.99	8.3	90.08	987.017
19/04/2012 00:30	0.0022	0.0024	17	0.0238	3.09	108.18	0	18.65	8.53	91.67	986.613
19/04/2012 01:30	0.0025	0.0025	18	0.0219	3.5	107.27	0	18.28	8.62	92.14	985.76
19/04/2012 02:30	0.003	0.0025	21	0.0208	2.97	98.3	0	18.2	8.62	92.32	985.636
19/04/2012 03:30	0.0053	0.0026	27	0.019	3.1	108.94	0	18.21	8.69	90.47	985.118
19/04/2012 04:30	0.0071	0.0035	31	0.0177	2.5	111.34	0	18.1	8.71	91.14	985.068
19/04/2012 05:30	0.0075	0.0036	21	0.0192	1.9	101.57	0	18.3	8.84	90.24	985.475
19/04/2012 06:30	0.0054	0.0029	34	0.0233	1.04	78.88	0	18.55	8.38	88.62	986.389
19/04/2012 07:30	0.005	0.0029	38	0.0237	1.19	72.4	0	18.95	14.84	85.43	987.004
19/04/2012 08:30	0.0056	0.0027	26	0.0203	2.48	328.37	0	18.58	57.12	87.08	987.679
19/04/2012 09:30	0.0038	0.0025	8	0.0203	2.71	320.75	0	18.44	105.15	87.15	987.99
19/04/2012 10:30	0.0027	0.0023	25	0.0254	3.33	273.49	0	19.15	189.97	86.17	988.135
19/04/2012 11:30	0.0021	0.0023	31	0.029	4.11	275.08	0	21.03	414.28	77.16	987.708
19/04/2012 12:30	0.0017	0.0023	26	0.0289	5.19	306.76	0	21.56	439.67	76.55	987.124
19/04/2012 13:30	0.0016	0.0022	16	0.0296	5.09	304.1	0	21.84	436.03	73.49	986.417
19/04/2012 14:30	0.0017	0.0022	11	0.0281	4.88	307.23	0	21.13	266.89	78.4	985.958
19/04/2012 15:30	0.0018	0.0022	36	0.0276	4.54	285.95	0	21.23	227.74	76.87	985.448
19/04/2012 16:30	0.0018	0.0022	47	0.0276	3.65	279.26	0	21.66	179.08	73.32	985.652
19/04/2012 17:30	0.0019	0.0022	31	0.0266	2.92	277.49	0	21.89	104.97	71.78	985.691
19/04/2012 18:30	0.0028	0.0023	57	0.0231	2.22	281.22	0	20.53	6.87	76.65	985.747
19/04/2012 1											

21/04/2012 01:30	0.0019	0.0022	19	0.0297	2,68	225,37	0	20,59	8,37	66,37	984,849
21/04/2012 02:30	0.0017	0.0022	8	0.0285	2,46	232,87	0	20,32	8,57	68,28	984,888
21/04/2012 03:30	0.0016	0.0022	8	0.0283	2,61	234,41	0	19,85	8,53	70,73	984,881
21/04/2012 04:30	0.0017	0.0022	20	0.028	2,53	238,36	0	19,39	8,56	72	985,145
21/04/2012 05:30	0.0018	0.0022	20	0.0281	2,82	235,72	0	18,84	8,74	74,55	985,548
21/04/2012 06:30	0.0017	0.0022	11	0.0268	3,48	222,05	0	18,46	9,26	77,26	985,884
21/04/2012 07:30	0.002	0.0022	19	0.0221	4,93	207,18	0	17,3	9,64	83,45	987,01
21/04/2012 08:30	0.0025	0.0023	38	0.0186	6,22	166,99	0	16,33	248,53	86,49	987,656
21/04/2012 09:30	0.0017	0.0023	44	0.0218	7,22	160,45	0	16,52	264,21	80,74	988,597
21/04/2012 10:30	0.0019	0.0023	48	0.0218	5,89	156,28	0	16,26	185,01	78,05	989,398
21/04/2012 11:30	0.002	0.0023	43	0.0226	5,44	149,73	0	16,86	455,45	74,25	989,761
21/04/2012 12:30	0.0014	0.0022	38	0.025	5,39	155,71	0	17,47	515,26	69,3	989,779
21/04/2012 13:30	0.0015	0.0022	38	0.0255	4,64	159,28	0	17,91	445,22	65,69	989,727
21/04/2012 14:30	0.0017	0.0023	32	0.0273	5,02	156,54	0	18,76	619,39	57,42	989,354
21/04/2012 15:30	0.0015	0.0023	53	0.0288	4,78	160,85	0	19,01	482,3	53,45	989,351
21/04/2012 16:30	0.0019	0.0023	52	0.0283	4,18	155,04	0	18,59	269,43	54,06	989,808
21/04/2012 17:30	0.0023	0.0023	58	0.027	3,47	154,47	0	17,37	80,58	57,6	990,305
21/04/2012 18:30	0.0031	0.0023	59	0.0251	3,16	150,33	0	15,61	7,38	62,21	990,828
21/04/2012 19:30	0.0023	0.0023	37	0.0242	3,51	145,21	0	14,29	7,05	67,45	991,57
21/04/2012 20:30	0.0019	0.0023	36	0.0223	4,25	136,04	0	13,11	8	73,18	992,376
21/04/2012 21:30	0.0017	0.0023	25	0.0208	3,88	134,45	0	11,89	8,31	80,11	992,997
21/04/2012 22:30	0.0019	0.0023	27	0.0205	4,29	139,16	0	11,27	8,39	82,4	993,332
21/04/2012 23:30	0.0017	0.0023	25	0.0216	4,09	139,56	0	11	8,2	79,46	993,481
22/04/2012 00:30	0.0017	0.0023	19	0.0218	3,35	144,28	0	10,38	8,19	80,06	993,589
22/04/2012 01:30	0.0016	0.0023	24	0.022	3,17	153,44	0	10,18	8,23	80,56	993,743
22/04/2012 02:30	0.0017	0.0023	12	0.0221	2,91	160,6	0	10,12	8,24	80,75	993,638
22/04/2012 03:30	0.0017	0.0022	18	0.0225	2,81	170,9	0	9,94	8,25	80,26	993,162
22/04/2012 04:30	0.0018	0.0022	26	0.0214	3,28	193,14	0	9,61	8,29	82,08	993,141
22/04/2012 05:30	0.0017	0.0022	19	0.0204	3,97	205,54	0	9,33	8,53	84,89	993,483
22/04/2012 06:30	0.002	0.0022	24	0.0204	3,98	199,43	0	9,55	9,27	83,68	993,819
22/04/2012 07:30	0.0018	0.0022	17	0.0232	3,38	190,83	0	10,17	88,97	78,5	993,914
22/04/2012 08:30	0.0018	0.0023	25	0.0246	2,61	185,09	0	11,63	294,93	71,29	994,292
22/04/2012 09:30	0.0014	0.0022	27	0.0249	2,58	182,9	0	13,15	489,52	68,05	994,875
22/04/2012 10:30	0.0014	0.0023	35	0.0259	2,85	177,68	0	14,12	648,03	62,57	995,026
22/04/2012 11:30	0.0014	0.0023	26	0.0266	2,71	158,79	0	14,98	755,71	57,43	994,574
22/04/2012 12:30	0.0014	0.0023	44	0.0281	2,52	179,4	0	15,72	782,3	51,08	993,694
22/04/2012 13:30	0.0014	0.0022	42	0.0283	2,41	204,42	0	16,35	753,08	48,77	992,634
22/04/2012 14:30	0.0014	0.0022	27	0.0285	2,52	182,46	0	16,47	613,21	47,73	991,96
22/04/2012 15:30	0.0015	0.0022	32	0.0283	2,66	191,03	0	16,66	482,16	48,22	991,573
22/04/2012 16:30	0.0016	0.0022	62	0.0282	1,85	211,06	0	16,87	296,02	47,4	991,424
22/04/2012 17:30	0.0031	0.0023	68	0.0265	1,85	185,45	0	15,91	90,71	49,96	991,092
22/04/2012 18:30	0.0079	0.0025	56	0.0226	1,27	177,43	0	14,72	6,92	53,95	991,155
22/04/2012 19:30	0.0069	0.0025	52	0.0251	1,64	170,31	0	14,51	8,2	53,31	991,426
22/04/2012 20:30	0.0034	0.0024	36	0.0276	2,4	153,35	0	14,4	8,55	54,03	991,38
22/04/2012 21:30	0.005	0.0025	43	0.0261	1,78	171,28	0	14,53	8,41	53,87	991,557
22/04/2012 22:30	0.004	0.0024	44	0.0262	1,73	181,26	0	14,33	8,36	53,79	991,671
22/04/2012 23:30	0.0032	0.0025	24	0.0262	2,24	174,74	0,2	13,63	8,32	57,28	991,29
23/04/2012 00:30	0.0017	0.0023	19	0.0255	2,65	147,03	0,6	13,06	8,41	62,01	990,814
23/04/2012 01:30	0.002	0.0023	7	0.0196	1,27	278,29	0	12,08	8,46	73,05	990,606
23/04/2012 02:30	0.0019	0.0023	17	0.0228	0,92	208,57	0	12,85	8,44	63,96	990,284
23/04/2012 03:30	0.0018	0.0023	15	0.0244	2,5	189,92	0	12,89	8,48	62,7	989,842
23/04/2012 04:30	0.0021	0.0023	10	0.019	1,51	188,06	0	11,98	8,5	73,53	989,808
23/04/2012 05:30	0.0022	0.0023	12	0.0174	1,44	177,22	0	11,9	8,73	76,03	990,173
23/04/2012 06:30	0.0028	0.0023	14	0.0132	2,2	217,93	0	11,56	9,03	81,33	990,824
23/04/2012 07:30	0.0029	0.0022	13	0.0125	2,44	198,14	0	11,36	25,06	82,9	991,335
23/04/2012 08:30	0.0033	0.0023	18	0.0162	1,67	244,09	0	12	111,05	75,07	991,704
23/04/2012 09:30	0.0034	0.0023	17	0.0186	1,74	272,04	0	13,11	129,82	70,21	992,164
23/04/2012 10:30	0.002	0.0023	15	0.0231	2,96	221,14	0	13,73	241,92	60,67	992,398
23/04/2012 11:30	0.0019	0.0023	17	0.0248	3,67	208,28	0	14,21	456,57	60,45	992,202
23/04/2012 12:30	0.0017	0.0023	20	0.0262	3,41	209,59	0	15,03	411,94	58,42	991,776
23/04/2012 13:30	0.0018	0.0023	37	0.0265	3,27	210,85	0	15,48	421,66	55,07	991,543
23/04/2012 14:30	0.0019	0.0024	40	0.0287	3,57	218,94	0	15,83	411,59	47,01	991,242
23/04/2012 15:30	0.0027	0.0024	44	0.0289	3,27	226,23	0	15,6	251,74	47,53	991,258
23/04/2012 16:30	0.0022	0.0024	28	0.0306	3,36	226,4	0	16,08	285,01	41,03	991,254
23/04/2012 17:30	0.0027	0.0024	50	0.0281	1,96	232,45	0	15,4	88,2	46,14	991,169
23/04/2012 18:30	0.0043	0.0025	55	0.0259	2,13	208,07	0	13,61	6,68	51,86	991,362
23/04/2012 19:30	0.0041	0.0025	59	0.0262	2,18	203,13	0	13,05	5,71	55,44	991,646
23/04/2012 20:30	0.0032	0.0024	28	0.0244	3,16	168,94	0	12,08	8,37	61,62	992,246
23/04/2012 21:30	0.002	0.0023	17	0.0231	4,13	144,19	0	11,01	8,62	71,66	992,58
23/04/2012 22:30	0.0018	0.0023	25	0.0221	4,98	148,39	0	10,1	8,61	76,39	992,765
23/04/2012 23:30	0.0015	0.0022	21	0.0229	5,49	149,82	0	8,89	8,49	76,72	992,67
24/04/2012 00:30	0.0015	0.0022	18	0.0234	4,44	144,85	0	8,06	8,55	75,55	992,425
24/04/2012 01:30	0.0014	0.0022	16	0.0253	4,7	151,09	0	7,96	8,61	71,91	992,161
24/04/2012 02:30	0.0013	0.0023	15	0.0262	5,35	154,54	0	7,73	8,58	69,33	991,664
24/04/2012 03:30	0.0013	0.0022	18	0.0257	5,27	156,54	0	7,16	8,55	73,03	991,323
24/04/2012 04:30	0.0014	0.0022	18	0.0252	3,86	156,5	0	6,61	8,58	75,98	991,27
24/04/2012 05:30	0.0014	0.0023	16	0.0241	3,08	155,77	0	5,96	8,72	79,11	991,279
24/04/2012 06:30	0.0017	0.0022	23	0.0249	2,68	163,2	0	6,13	9,36	76,81	991,674
24/04/2012 07:30	0.0019	0.0022	22	0.0258	3,15	152,98	0	6,73	56,38	71,94	991,803
24/04/2012 08:30	0.002	0.0023	25	0.0257	2,49	126,25	0	8,17	251,85	67,78	992,381
24/04/2012 09:30	0.0018	0.0023	17	0.0231	2,42	64,65	0	9,7	493,08	68,03	992,696
24/04/2012 10:30	0.0017	0.0023	20	0.0286	2,94	101,15	0	10,73	645,4	58,11	992,598
24/04/2012 11:30	0.0016	0.0023	31	0.029	2,63	116,47	0	11,59	746,44	54,34	992,234
24/04/2012 12:30	0.0014	0.0023	25	0.0291	2,24	191,6	0	12,67	781,71	49,62	991,505
24/04/2012 13:30	0.0013	0.0023	16	0.0297	2,32	194,02	0	13,13	687,45	48,55	990,445
24/04/2012 14:30	0.0016	0.0023	68	0.0299	2,15	192,57	0	12,69	347,37	50,23	989,821
24/04/2012 15:30	0.0021	0.0024	120	0.0293	2,54	187,67	0	12,69	269,51	50,14	989,53
24/04/2012 16:30	0.0028	0.0024	106	0.0283	2,37	156,95	0	12,43	133,7	51,13	989,248
24/04/2012 17:30	0.0028	0.0023	74	0.0268	1,69	153,45	0	12,05	56,93	55,36	989,093
24/04/2012 18:30	0.0072	0.0026	78	0.0241	1,13	175,48	0	11,76	8,84	55,63	989,414
24/04/2012 19:30	0.006	0.0025	43	0.0249	2,03	173	0	11,43	8,45	55,15	989,69
24/04/2012 20:30	0.004	0.0024	39	0.026	2,37	169,07	0	10,93	6,68	58,63	990,173
24/04/2012 21:30	0.0038	0.0024	29	0.0251	2,18	178,81	0	10,74	8,53	60,76	9

26/04/2012 04:30	0.0017		0.0025		17		0.026	4,98	125,54	0	10,58	8,4	83,05	984,625
26/04/2012 05:30	0.0015		0.0024		17		0.0256	5,11	139,07	0	10,45	8,6	83,2	984,56
26/04/2012 06:30	0.0014		0.0023		13		0.0258	5,05	144,03	0	10,69	8,93	82,91	985,317
26/04/2012 07:30	0.0017		0.0023		16		0.0255	4,97	156,08	0	10,84	53,42	83,01	985,503
26/04/2012 08:30	0.003		0.0023		16		0.0249	4,69	148,51	0	11,31	71,84	82,16	985,75
26/04/2012 09:30	0.0016		0.0023		3		0.0243	4,48	145,37	0	11,52	110,55	83,74	985,672
26/04/2012 10:30	0.0034	IC	0.0024		17		0.0207	3,33	179,27	0,2	11,7	105,56	86,18	986,34
26/04/2012 11:30	0.0037	IC	0.0024		16		0,2	3,11	182,28	0	11,62	111,51	89,39	986,308
26/04/2012 12:30	0.0027		0.0023		7		0.2008	3,46	170,23	0,4	11,96	161,22	87,4	985,843
26/04/2012 13:30	0.0019		0.0023		10		0.0238	2,8	157,36	0	11,76	460,04	77,15	981,887
26/04/2012 14:30	0.0018		0.0086	IC	985	IU	0.0238	2,65	185,78	0	15,36	564,77	66,64	984,313
26/04/2012 15:30	0.0019		0.0081	IC	985	IU	0.0239	3,57	190,25	0	15,78	465,33	61,57	984,073
26/04/2012 16:30	0.0021		0.0026	IC	21		0.0254	2,71	190,54	0	16,11	276,57	59,45	984,322
26/04/2012 17:30	0.0045		0.0025		30		0.0214	1,65	193,48	0	15,73	82,35	62,59	984,715
26/04/2012 18:30	0.0047		0.0024		31		0.0199	2,68	201,82	0	13,57	4,65	70,25	984,986
26/04/2012 19:30	0.0032		0.0023		27		0.0189	2,56	224,13	0	12,6	4,8	76,72	985,508
26/04/2012 20:30	0.0033		0.0023		25		0,18	2,58	228,74	0	12,26	4,92	80,06	986,024
26/04/2012 21:30	0.0028		0.0023		16		0.0194	3,41	211,01	0	12,21	4,77	79,26	986,243
26/04/2012 22:30	0.0033		0.0022		17		0.0185	3,58	206,04	0	10,9	4,69	85,43	986,288
26/04/2012 23:30	0.0028		0.0022		14		0.0175	4,57	213,38	0	10,01	4,59	88,76	986,35
27/04/2012 00:30	0.0025		0.0022		17		0.0159	4,2	212,36	0	8,94	4,7	90,85	986,514
27/04/2012 01:30	0.0022		0.0022		11		0.0147	3,7	219,2	0	7,66	4,68	89,29	986,506
27/04/2012 02:30	0.0021		0.0022		11		0.0176	4,58	212,18	0	7,74	4,7	82,35	986,306
27/04/2012 03:30	0.0018		0.0022		13		0.0186	4,23	213,36	0	7,55	4,69	79,1	985,848
27/04/2012 04:30	0.0019		0.0022		11		0,17	3,95	221,32	0	6,76	4,68	82,95	986,121
27/04/2012 05:30	0.002		0.0022		11		0.0169	3,71	222,11	0	6,56	4,91	82,67	986,397
27/04/2012 06:30	0.0022		0.0022		13		0,16	3,86	222,2	0	6,17	5,48	83,69	987,07
27/04/2012 07:30	0.0025		0.0022		12		0.0152	4,33	218,73	0	6,38	79,78	84,46	987,912
27/04/2012 08:30	0.0023		0.0023		15		0.0153	4,51	213,51	0	7,57	279,22	83,48	988,632
27/04/2012 09:30	0.0017		0.0023		18		0.0166	4,6	224,92	0	9,37	468,93	80,3	989,05
27/04/2012 10:30	0.0018		0.0024		20		0.0172	4,38	216,64	0	10,78	617,15	75,91	989,399
27/04/2012 11:30	0.0018		0.0023		20		0.0193	3,69	231,23	0	12,51	710,64	69,19	989,66
27/04/2012 12:30	0.0016		0.0023		15		0.0213	3,16	224,79	0	13,98	759,09	64,41	989,207
27/04/2012 13:30	0.0018		0.0023		14		0.0217	2,83	182,86	0	14,71	502,09	62,82	988,173
27/04/2012 14:30	0.0019		0.0023		11		0.0222	2,93	177,76	0	15,52	459,9	58,23	987,462
27/04/2012 15:30	0.0021		0.0023		17		0,22	3,7	158,11	0	15,68	359,71	56,62	986,978
27/04/2012 16:30	0.0019		0.0022		18		0.0217	3,61	143,89	0	15,46	168,92	57,13	987,177
27/04/2012 17:30	0.0034		0.0023		25		0.0188	2,52	150,84	0	14,2	33,7	64,5	987,67
27/04/2012 18:30	0.0038		0.0024		44		0,19	2,67	152,06	0	13,96	5,69	64,01	988,15
27/04/2012 19:30	0.0032		0.0023		28		0.0204	2,88	151,14	0	13,97	4,99	62,96	987,836
27/04/2012 20:30	0.0025		0.0023		29		0.0208	3,16	147	0	13,73	4,91	62,92	988,035
27/04/2012 21:30	0.002		0.0022		20		0.0202	3,62	141,23	0	13,2	4,8	65,77	987,832
27/04/2012 22:30	0.0017		0.0022		19		0.0192	3,77	130,23	0	12,64	4,72	70,23	988,065
27/04/2012 23:30	0.0019		0.0022		19		0.0173	4,01	142,17	0	11,9	4,64	75,37	988,228
28/04/2012 00:30	0.0016		0.0022		13		0.0166	4,74	132,18	0	11,32	4,66	83,97	987,895
28/04/2012 01:30	0.0015		0.0022		14		0.0164	4,46	125,78	0	10,86	4,71	90,56	987,97
28/04/2012 02:30	0.0015		0.0022		14		0,16	5,02	131,39	0	10,6	4,61	92,35	987,602
28/04/2012 03:30	0.0015		0.0022		13		0.0154	4,31	131,16	0	10,25	4,63	93,36	987,501
28/04/2012 04:30	0.0015		0.0022		13		0.0152	4,22	132,05	0	10,23	4,74	94,05	987,389
28/04/2012 05:30	0.0015		0.0022		13		0.0154	5,36	136,48	0	10,26	4,88	94,48	986,747
28/04/2012 06:30	0.0014		0.0022		11		0.0157	6,21	125,12	0	10,47	5,26	95,2	986,01
28/04/2012 07:30	0.0017		0.0022		25		0.0154	5,96	131,2	0	10,66	51,26	95,06	986,45
28/04/2012 08:30	0.0021		0.0022		19		0.0134	4,69	176,38	0	10,9	98,71	93,68	988,073
28/04/2012 09:30	0.002		0.0022		16		0.0112	5,18	201,84	0	10,3	157,14	96,19	988,704
28/04/2012 10:30	0.0024		0.0022		17		0.0125	4,3	181,25	0	11,44	196,82	94,5	987,75
28/04/2012 11:30	0.0022		0.0022		11		0.0142	5,25	163,27	0	12,33	261,61	92,8	986,777
28/04/2012 12:30	0.0017		0.0023		13		0.0157	5,19	147,71	0	13,25	233,35	89,76	986,741
28/04/2012 13:30	0.0016		0.0022		17		0.0173	6,22	147,83	0	13,88	202,48	87,08	985,628
28/04/2012 14:30	0.0016		0.0022		4		0.0165	5,46	142,07	0	13,27	116,02	90,21	985,404
28/04/2012 15:30	0.0016		0.0022		7		0.0175	6,49	133,12	0	13,53	142,15	89,05	984,453
28/04/2012 16:30	0.0014		0.0022		9		0.0188	6,69	130,3	0	13,52	93,94	89,23	983,958
28/04/2012 17:30	0.0014		0.0022		8		0.0194	6,57	130,92	0	13,06	24,47	89,17	983,964
28/04/2012 18:30	0.0016		0.0022		7		0.0191	5,6	144,86	0	12,6	5,38	89,95	984,303
28/04/2012 19:30	0.0023		0.0022		17		0.0188	4,77	164,55	0,2	12,43	4,86	90,39	984,785
28/04/2012 20:30	0.002		0.0022		13		0.0185	5,29	163,22	0	11,94	4,81	92,42	985,029
28/04/2012 21:30	0.0019		0.0022		11		0.0181	5,53	167,1	0	11,08	4,76	94,35	985,555
28/04/2012 22:30	0.0016		0.0022		11		0.0188	5,58	173,77	0	10,23	4,7	93,48	985,702
28/04/2012 23:30	0.0017		0.0022		10		0.0181	5,16	188,85	0	9,88	4,53	92,5	985,837
29/04/2012 00:30	0.0015		0.0022		8		0.0175	4,15	179,54	0,2	9,56	4,55	93,78	986,156
29/04/2012 01:30	0.0015		0.0021		10		0.0164	4,07	187,94	0	9,44	4,54	93,69	985,869
29/04/2012 02:30	0.0016		0.0022		9		0.0154	3,63	194,14	0	9,46	4,57	94,3	985,574
29/04/2012 03:30	0.0015		0.0022		6		0,15	3,66	198,58	0	9,12	4,59	94,68	985,001
29/04/2012 04:30	0.0014		0.0021		10		0,14	3,94	210,82	0	8,85	4,7	95,71	985,592
29/04/2012 05:30	0.0014		0.0022		13		0.0131	3,94	209,83	0	8,43	4,83	96,43	986,001
29/04/2012 06:30	0.0014		0.0021		9		0.0128	4,08	221,39	0	7,88	5,26	97,48	986,454
29/04/2012 07:30	0.0014		0.0021		4		0.0121	4,63	225,92	0	7,47	21,14	98,07	987,245
29/04/2012 08:30	0.0014		0.0022		6		0.0131	5,46	219,54	0	7,64	82,91	98,06	988,219
29/04/2012 09:30	0.0017		0.0022		16		0.0169	5,2	204,68	0	9,74	358,39	87,1	988,518
29/04/2012 10:30	0.0016		0.0022		13		0.0193	5,34	201,3	0	11,58	531,72	76,04	988,84
29/04/2012 11:30	0.0017		0.0022		16		0,21	4,13	214,16	0	13,49	621,07	66,14	989,471
29/04/2012 12:30	0.0017		0.0023		22		0.0218	4,51	214,59	0	14,23	572,89	61,95	989,223
29/04/2012 13:30	0.0016		0.0023		22		0.0225	4,61	213,88	0	13,8	302,13	59,64	988,993
29/04/2012 14:30	0.0016		0.0023		20		0.0226	4,79	215,8	0	14,2	318,36	57,21	988,868
29/04/2012 15:30	0.0017		0.0022		25		0.0214	4,27	220,96	0	14,18	236,78	60,33	988,929
29/04/2012 16:30	0.002		0.0023		23		0.0208	3,72	214,3	0	13,8	118,84	62,46	989,06
29/04/2012 17:30	0.0024		0.0023											