

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 [ppb]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [°C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
25/12/2011 00:30	0.0016		0.0031		5		0,0163		5,98		129,43		0		13,69		8,91		79,03		994,532	
25/12/2011 01:30	0.0016		0.0031		6		0,0164		6		131,65		0		13,34		8,92		77,67		994,26	
25/12/2011 02:30	0.0015		0.0031		8		0,0169		5,98		135,78		0		12,77		8,93		76,14		994,146	
25/12/2011 03:30	0.0015		0.0031		6		0,0177		5,97		134,91		0		12,75		8,97		72,92		993,986	
25/12/2011 04:30	0.0014		0.0031		5		0,0182		6,07		134,77		0		12,82		9		70,88		994,129	
25/12/2011 05:30	0.0015		0.003		6		0,0177		5,91		143,33		0		12,56		22,87		71,48		994,45	
25/12/2011 06:30	0.0014		0.003		10		0,0185		5,82		135,81		0		13,74		190,52		67,77		994,759	
25/12/2011 07:30	0.0013		0.0031		13		0,0194		5,79		123,16		0		15,34		291,79		65,57		995,124	
25/12/2011 08:30	0.0012		0.0031		13		0,0209		6,93		115,93		0		17,27		580,11		59,69		995,284	
25/12/2011 09:30	0.0013		0.0031		8		0,0218		6,87		106,17		0		18,61		770,42		58,84		995,177	
25/12/2011 10:30	0.0015		0.0032		19		0,0233		6,59		101,52		0		20,06		920,14		54,8		995,02	
25/12/2011 11:30	0.0016		0.0032		21		0,0244		6,18		108,33		0		21,06		980,1		53,01		994,504	
25/12/2011 12:30	0.0015		0.0032		12		0,0251		6,04		110,6		0		21,89		955,62		51,56		993,899	
25/12/2011 13:30	0.0014		0.0031		16		0,026		5,75		110,18		0		22,58		801,09		49,07		993,2	
25/12/2011 14:30	0.0014		0.0031		11		0,0272		6,06		116,12		0		22,92		699,74		48,48		992,701	
25/12/2011 15:30	0.0014		0.0031		12		0,029		6,25		105,72		0		23,35		754,75		45,84		992,126	
25/12/2011 16:30	0.0014		0.0032		17		0,0286		6,39		104,36		0		23,34		517,55		46,03		991,665	
25/12/2011 17:30	0.0014		0.0031		9		0,0294		7,24		105,97		0		22,89		369,5		47,18		991,371	
25/12/2011 18:30	0.0014		0.0031		18		0,0292		7,81		104,91		0		21,91		196,34		50,99		991,299	
25/12/2011 19:30	0.0016		0.0032		14		0,0277		6,59		105,31		0		19,96		30,31		58,96		991,846	
25/12/2011 20:30	0.0017		0.0031		13		0,0231		5,68		98,9		0		18,2		6,85		66,09		992,437	
25/12/2011 21:30	0.0017		0.0031		13		0,0205		5,4		97,05		0		17,17		6,38		71,08		992,977	
25/12/2011 22:30	0.0017		0.0031		12		0,0192		5,87		98,34		0		16,5		5,34		73,52		993,239	
25/12/2011 23:30	0.0017		0.0031		12		0,0172		5,62		100,49		0		15,56		8,64		77,95		993,265	
26/12/2011 00:30	0.0019		0.0031		10		0,016		5,53		98,9		0		14,6		8,77		81,24		992,85	
26/12/2011 01:30	0.0019		0.003		6		0,0158		4,78		98,01		0		13,91		8,93		81,21		992,379	
26/12/2011 02:30	0.0017		0.003		17		0,0179		4,68		100,4		0		14,19		8,94		75,36		991,972	
26/12/2011 03:30	0.0015		0.003		8		0,0189		4,71		106,7		0		14,44		9		75,27		991,877	
26/12/2011 04:30	0.0015		0.003		11		0,0185		5,1		114,03		0		14,42		9,05		78,43		991,926	
26/12/2011 05:30	0.0015		0.003		12		0,0183		5,93		113,75		0		14,56		19,29		79,33		992,111	
26/12/2011 06:30	0.0014		0.003		9		0,0178		5,39		108,36		0		15,34		153,49		79,08		992,48	
26/12/2011 07:30	0.0013		0.0031		11		0,0186		5,81		97,96		0		17,09		358,8		75,39		992,518	
26/12/2011 08:30	0.0014		0.0031		12		0,0191		6,45		86,57		0		18,5		566,88		71,53		992,331	
26/12/2011 09:30	0.0013		0.0031		11		0,0222		6,41		79,55		0		20,75		759,2		62,42		991,826	
26/12/2011 10:30	0.0014		0.0031		11		0,0236		5,49		78,52		0		22,52		892,43		57,02		991,675	
26/12/2011 11:30	0.0013		0.0031		11		0,0245		5,81		89,01		0		23,52		996,45		54,54		991,119	
26/12/2011 12:30	0.0014		0.0031		9		0,0255		5,8		89,82		0		24,69		922,81		52,56		990,321	
26/12/2011 13:30	0.0014		0.0031		9		0,0266		4,93		77,89		0		25,34		588,03		51,07		989,568	
26/12/2011 14:30	0.0014		0.0031		10		0,027		5,06		84,3		0		25,78		520,38		49,67		988,802	
26/12/2011 15:30	0.0015		0.003		5		0,0276		4,98		78,71		0		26,33		619,45		49,45		988,36	
26/12/2011 16:30	0.0014		0.0031		4		0,0273		5,5		80,67		0		25,92		418,75		51,58		988,025	
26/12/2011 17:30	0.0014		0.003		9		0,0265		5,96		84,92		0		25,43		281,77		54,13		987,742	
26/12/2011 18:30	0.0014		0.003		6		0,026		5,75		83,78		0		24,5		131,94		57,3		987,817	
26/12/2011 19:30	0.0016		0.003		6		0,025		5,09		87,57		0		23,09		29,34		61,91		988,154	
26/12/2011 20:30	0.0017		0.0031		12		0,0233		5,76		83,71		0		21,37		7,74		66,64		988,644	
26/12/2011 21:30	0.0019		0.0031		12		0,0221		5,77		88,85		0		20,24		7,11		70,91		989,207	
26/12/2011 22:30	0.0019		0.0031		13		0,0212		5,01		93,5		0		19,36		6,39		74,97		989,684	
26/12/2011 23:30	0.0018		0.0031		11		0,0198		4,57		93,04		0		18,58		7,7		78,76		989,738	
27/12/2011 00:30	0.0017		0.0031		10		0,0192		4,84		90,77		0		18,11		7,09		80,74		989,551	
27/12/2011 01:30	0.0017		0.0031		11		0,0192		5,24		89,45		0		17,71		8,76		82,76		989,207	
27/12/2011 02:30	0.0017		0.0031		10		0,0183		5,26		90,73		0		17,19		9,03		84,99		988,607	
27/12/2011 03:30	0.0016		0.0031		12		0,0174		4,9		98,27		0		16,85		9,05		85,83		988,524	
27/12/2011 04:30	0.0017		0.0031		13		0,0167		4,54		104,66		0		16,61		9,06		86,45		988,662	
27/12/2011 05:30	0.0019		0.0031		13		0,0157		4,12		109,72		0		16,38		19,49		87,4		988,978	
27/12/2011 06:30	0.0015		0.0031		13		0,0169		4,01		110,84		0		17,22		140,27		83,94		989,204	
27/12/2011 07:30	0.0014		0.0031		12		0,0183		4,36		107,41		0		18,64		356,66		79,59		989,468	
27/12/2011 08:30	0.0013		0.0031		15		0,0197		4,44		102,1		0		20,14		565,38		75,23		989,589	
27/12/2011 09:30	0.0014		0.0031		12		0,0215		4,32		112,56		0		21,95		754,5		69,7		989,591	
27/12/2011 10:30	0.0013		0.0031		19		0,0262		4,65		118,34		0		23,64		943,78		57,36		989,379	
27/12/2011 11:30	0.0013		0.0031		9		0,028		4,67		129,42		0		24,42		893,47		48,69		989,116	
27/12/2011 12:30	0.0014		0.003		7		0,0295		4,87		140,19		0		25,25		1064,64		41,42		988,618	
27/12/2011 13:30	0.0014		0.003		23		0,0298		5,61		111,24		0		25,97		958,64		42,36		988,09	
27/12/2011 14:30	0.0014		0.0031		14		0,0296		6,3		119,51		0		26,22		900,22		46,62		987,745	
27/12/2011 15:30	0.0014		0.003		15		0,0287		6,95		112,74		0		26,01		710,67		49,46		987,438	
27/12/2011 16:30	0.0013		0.0031		20		0,0279		7,77		114,35		0									

29/12/2011 16:30	0.0013		0.0031		18		0.0288	7.26	101.7	0		27.45	648.67		28.81	983.469
29/12/2011 17:30	0.0014		0.0031		23		0.0284	7.05	92.76	0		26.86	397.12		29.99	983.15
29/12/2011 18:30	0.0015		0.0032		25		0.0301	6.74	91.89	0		25.51	176.28		34.22	983.427
29/12/2011 19:30	0.0018		0.0032		29		0.0303	6.34	99.21	0		23.3	26.88		43.02	983.729
29/12/2011 20:30	0.0017		0.0031		21		0.0236	6.48	100.74	0		21.35	7.19		56.08	983.9
29/12/2011 21:30	0.0018		0.0031		19		0.0194	6.18	97.7	0		19.63	8.92		61.88	984.229
29/12/2011 22:30	0.0017		0.0031		10		0.0175	5.37	96.27	0		18.38	8.64		66.74	984.582
29/12/2011 23:30	0.0017		0.0031		12		0.0153	5.81	94.62	0		17.67	9.06		77.92	984.297
30/12/2011 00:30	0.0019		0.0031		14		0.0135	5.2	106.66	0		17.18	9.08		85.9	984.248
30/12/2011 01:30	0.0018		0.0031		10		0.0125	5.28	99.74	0		16.81	9.12		89.3	983.996
30/12/2011 02:30	0.0018		0.0031		9		0.012	4.84	90	0		16.57	9.11		90.44	983.485
30/12/2011 03:30	0.0017		0.0031		11		0.0122	4.16	97.79	0		16.36	9.16		90.08	983.647
30/12/2011 04:30	0.0017		0.0031		9		0.0118	4.66	106.07	0		16.15	9.24		90.25	983.916
30/12/2011 05:30	0.0017		0.0031		7		0.0124	5.32	93.25	0		16.1	21.18		88.82	983.826
30/12/2011 06:30	0.0014		0.0031		6		0.0141	6.3	90.97	0		17.07	168.1		83.35	983.614
30/12/2011 07:30	0.0014		0.0031		10		0.0159	7.14	75.51	0		18.28	323.54		78.06	982.796
30/12/2011 08:30	0.0014		0.0033		13		0.019	7.25	60.08	0		20.53	542.63		68.81	982.763
30/12/2011 09:30	0.0021		0.0103		30		0.0216	5.73	49.96	0		22.46	746.56		63.41	982.841
30/12/2011 10:30	0.0019		0.0095		22		0.0266	4.77	52.23	0		24.38	897.41		57.81	982.791
30/12/2011 11:30	0.0019		0.0101		27		0.0333	3.57	53.6	0		26.01	869.71		52.96	982.608
30/12/2011 12:30	0.0019		0.0082		24		0.0368	4.12	73.41	0		27.18	693.45		49.6	982.057
30/12/2011 13:30	0.0016		0.0045		17		0.0325	4.58	74.41	0		27.89	769.64		47.84	981.483
30/12/2011 14:30	0.0015		0.0035		17		0.0309	5.04	77.94	0		28.21	524.74		46.99	980.877
30/12/2011 15:30	0.0014		0.0035		17		0.032	5.82	80.73	0		28.47	439.04		45.44	980.259
30/12/2011 16:30	0.0015		0.0033		26		0.0312	6.8	91.78	0		28.23	392.15		47.75	979.539
30/12/2011 17:30	0.0015		0.0033		17		0.0305	7.38	81.46	0		26.56	214.09		54.28	979.391
30/12/2011 18:30	0.0015		0.0033		23		0.026	7.82	78.73	0		24.91	242.61		61.83	980.237
30/12/2011 19:30	0.0015		0.0033		23		0.0236	7.08	87.05	0		22.96	33.64		67.6	980.75
30/12/2011 20:30	0.0015		0.0033		24		0.0246	6.6	90	0		21.53	7.6		69.6	981.422
30/12/2011 21:30	0.0016		0.0032		17		0.0226	5.71	90.69	0		20.71	8.08		75.22	982.123
30/12/2011 22:30	0.0016		0.0032		18		0.0204	5.27	83.7	0		20.25	8.99		78.48	982.877
30/12/2011 23:30	0.0017		0.0032		18		0.0203	5.42	85.75	0		19.81	9.03		78.19	983.089
31/12/2011 00:30	0.0016		0.0032		19		0.0198	5.5	91.81	0		19.38	9.08		79.92	983.046
31/12/2011 01:30	0.0016		0.0032		21		0.0202	5.33	102.64	0		19.04	8.99		80.88	982.855
31/12/2011 02:30	0.0015		0.0032		15		0.0188	4.47	123.49	0		18.35	8.92		84.66	982.742
31/12/2011 03:30	0.0016		0.0031		14		0.0175	5.53	119.71	0		18.15	8.98		87.19	982.495
31/12/2011 04:30	0.0016		0.0032		11		0.0163	6.29	115.96	0		18.19	9.01		88.46	982.325
31/12/2011 05:30	0.0018		0.0032		11		0.0147	5.61	123.21	0		18.02	13.68		90.2	982.756
31/12/2011 06:30	0.0017		0.0031		21		0.0136	6.27	126.95	0		18.42	58.44		91.02	983.082
31/12/2011 07:30	0.0016		0.0031		30		0.0151	6.64	114.68	0		19.59	148.74		86.95	983.349
31/12/2011 08:30	0.0014		0.0031		16		0.018	6.92	99.95	0		20.98	224.5		80.71	983.482
31/12/2011 09:30	0.0014		0.0031		15		0.02	6.78	92.37	0		22.27	459.58		73.69	983.188
31/12/2011 10:30	0.0015		0.0031		21		0.0217	7.4	106.08	0		23.69	782.27		66.04	982.75
31/12/2011 11:30	0.0016		0.0031		19		0.0222	8.11	105.52	0		24.08	835.1		63.52	982.778
31/12/2011 12:30	0.0013		0.0031		10		0.0262	8.21	100.64	0		24.06	812.65		62.7	982.579
31/12/2011 13:30	0.0013		0.0031		11		0.0283	9.03	95.89	0		25.14	967.74		54.62	982.344
31/12/2011 14:30	0.0012		0.0031		20		0.0306	9.57	99.21	0		24.94	729.04		55.54	982.627
31/12/2011 15:30	0.0012		0.0031		12		0.0312	9.88	89.97	0		23	570.53		64.28	982.986
31/12/2011 16:30	0.0012		0.0031		11		0.0319	8.83	93.76	0		22.02	381		66.92	982.968
31/12/2011 17:30	0.0012		0.0031		8		0.0304	7.85	97.35	0		20.48	166.92		73.61	983.098
31/12/2011 18:30	0.0013		0.0031		17		0.0324	7.48	107.44	0		20.03	144.71		71.99	983.415
31/12/2011 19:30	0.0016		0.0031		17		0.0336	6.59	105.78	0		19.26	22.01		70.48	983.961
31/12/2011 20:30	0.0022		0.0032		18		0.031	5.66	119.16	0		18.47	8.11		74.06	984.686
31/12/2011 21:30	0.0017		0.0032		14		0.0272	7.07	121.78	0		18.19	8.29		78.05	984.67
31/12/2011 22:30	0.0016		0.0032		11		0.027	7.76	105.48	0		17.61	9.03		82.73	984.899
31/12/2011 23:30	0.0014		0.0032		7		0.026	7.29	100.38	0		17.22	9.11		83.29	985.1
01/01/2012 00:30	0.0015		0.0031		6		0.0239	5.85	107.46	0		17.11	9.09		86.05	984.867
01/01/2012 01:30	0.0015		0.0031		6		0.0202	5.76	116.38	0		16.96	9.1		91.15	984.538
01/01/2012 02:30	0.0015		0.0031		9		0.0176	6.54	115.09	0		17.56	9.12		91.16	983.777
01/01/2012 03:30	0.0014		0.0031		10		0.0188	6.78	108.57	0		17.95	9.12		87.48	983.904
01/01/2012 04:30	0.0014		0.0031		6		0.0217	6.7	114.04	0		17.38	9.16		86.55	984.384
01/01/2012 05:30	0.0014		0.0031		5		0.0228	6.46	121.17	0		16.88	13.44		87.61	985.044
01/01/2012 06:30	0.0014		0.0031		6		0.0211	6.2	120.98	0		17.15	104.33		92.76	985.486
01/01/2012 07:30	0.0014		0.0032		8		0.0204	7.66	109.36	0		18.3	291.23		89.13	985.602
01/01/2012 08:30	0.0014		0.0031		9		0.0183	7.88	107.86	0		19.18	297.39		87.13	985.854
01/01/2012 09:30	0.0014		0.0031		9		0.0201	7.36	109.41	0		20.91	331.82		78.12	986.049
01/01/2012 10:30	0.0015		0.0032		10		0.0207	7.43	109.24	0		21.11	255.39		76.4	986.249
01/01/2012 11:30	0.0013		0.0032		10		0.0202	6.99	100.33	0.2		21.05	546.59		81.48	986.127
01/01/2012 12:30	0.0013		0.0032		8		0.0204	5.97	108.23	1.2		20.65	484.89		86.59	985.852
01/01/2012 13:30	0.0014		0.0032		9		0.0215	6.56	110.44	0.6		22.56	544.19		74.59	985.344
01/01/2012 14:30	0.0014		0.0032		10		0.0234	8.62	110.26	0		23.54	890.48		63.93	984.872
01/01/2012 15:30	0.0014		0.0032		12		0.0249	7.43	120.13	0		25.17	806.82		58.56	984.356
01/01/2012 16:30	0.0014		0.0032		16		0.0252	7.97	112.85	0		24.94	475.31		57.36	983.845
01/01/2012 17:30	0.0015		0.0032		15		0.0242	7.28	111.98	0		24.57	285.6		56.89	983.869
01/01/2012 18:30	0.0014		0.0031		16		0.0219	7.59	120.77	0		23.95	191.65		59.56	983.908
01/01/2012 19:30	0.0017		0.0032		18		0.0204	6.42	115.13	0		22.18	32.8		64.46	984.278
01/01/2012 20:30	0.0018		0.0032		16		0.0182	5.91	116.49	0		20.48	8.04		73.88	984.998
01/01/2012 21:30	0.0018		0.0032		16		0.0169	5.33	124.02	0		19.17	7.66		80.05	985.663
01/01/2012 22:30	0.0018		0.0032		13		0.0156	5.89	117.05	0		18.07	7.14		84.98	985.696
01/01/2012 23:30	0.0017		0.0032		13		0.0152	5.28	110.96	0		17.29	6.7		88.42	985.776
02/01/2012 00:30	0.0018		0.0032		16		0.0147	4.62	109.7	0		16.69	6.61			

03/01/2012 19:30	00017	00034	21	0,0241	6	125,24	0	23,71	22,65	57,43	983,174
03/01/2012 20:30	00015	00034	26	0,0198	6,77	129,51	0	21,81	8,16	64,81	983,89
03/01/2012 21:30	00016	00034	29	0,0187	6,41	126,1	0	20,37	8	67,7	984,819
03/01/2012 22:30	00016	00033	20	0,0179	5,39	129,87	0	18,73	7,21	74,37	985,427
03/01/2012 23:30	00015	00033	16	0,0178	5,21	137,26	0	17,42	6,92	80,49	985,7
04/01/2012 00:30	00015	00032	13	0,0182	4,14	137,67	0	16,52	6,76	82,78	985,744
04/01/2012 01:30	00016	00033	16	0,0182	3,36	134,26	0	15,91	6,61	82,87	985,464
04/01/2012 02:30	00015	00033	15	0,0187	3,75	142,29	0	15,71	6,6	83,14	984,973
04/01/2012 03:30	00015	00032	11	0,0189	3,62	146,7	0	15,56	7,06	84,15	984,891
04/01/2012 04:30	00016	00032	20	0,0187	3,68	155,07	0	15,39	7,07	85,04	985,53
04/01/2012 05:30	00018	00033	21	0,018	3,17	176,55	0	15,24	13,65	85,93	986,391
04/01/2012 06:30	00053	00034	21	0,0136	2,91	186,13	0	15,5	133,27	84,96	987,157
04/01/2012 07:30	00022	00033	21	0,0168	2,62	181,15	0	17,15	342,29	78,13	987,736
04/01/2012 08:30	00017	00033	16	0,0183	3,26	166,33	0	16,51	516,57	74,34	988,286
04/01/2012 09:30	00013	00033	35	0,0209	4,28	140,46	0	20,24	643,69	65,01	988,422
04/01/2012 10:30	00013	00032	23	0,0213	4,92	145,29	0	21,23	596,99	58,35	988,513
04/01/2012 11:30	00012	00032	17	0,0213	4,94	139,81	0	22,55	793,27	51,55	988,398
04/01/2012 12:30	00011	00032	15	0,0219	5,26	131,04	0	23,88	1031,89	43,56	988,012
04/01/2012 13:30	00012	00032	15	0,0233	5,4	134,83	0	24,69	996,28	41,67	987,673
04/01/2012 14:30	00012	00032	16	0,0244	5,44	126,81	0	25,25	904,28	40,4	987,516
04/01/2012 15:30	00012	00033	23	0,025	6,08	134,04	0	25,5	814,02	37,82	987,274
04/01/2012 16:30	00012	00032	27	0,0249	5,81	140,27	0	25,61	619,75	37,64	986,981
04/01/2012 17:30	00012	00032	23	0,025	6,18	128,62	0	25,08	411,01	40,15	986,87
04/01/2012 18:30	00012	00032	17	0,0238	5,92	130,42	0	24,06	199,16	43,19	986,877
04/01/2012 19:30	00013	00033	29	0,0218	5,51	122,65	0	22,11	32,25	52,89	987,228
04/01/2012 20:30	00014	00033	26	0,0202	5,17	118,82	0	20,19	7,75	63,11	987,813
04/01/2012 21:30	00014	00033	24	0,0204	5,48	115,43	0	18,84	7,28	69,58	988,435
04/01/2012 22:30	00015	00033	25	0,0187	4,75	112,69	0	17,51	6,37	75,11	988,866
04/01/2012 23:30	00015	00033	13	0,0182	4,51	108,12	0	16,68	6,46	77,2	988,837
05/01/2012 00:30	00014	00032	12	0,0179	4,7	113,53	0	16,15	6,39	79,63	988,692
05/01/2012 01:30	00016	00032	12	0,0166	3,8	105,85	0	15,46	6,27	83,82	988,281
05/01/2012 02:30	00015	00032	14	0,0169	3,81	105,54	0	15,37	6,1	85,19	987,85
05/01/2012 03:30	00014	00032	13	0,0172	3,4	104,39	0	15,29	5,71	84,93	987,502
05/01/2012 04:30	00015	00032	13	0,017	3,37	109,31	0	15,04	5,93	85,56	987,54
05/01/2012 05:30	00015	00033	15	0,0173	3,54	114,8	0	15,13	12,67	84,51	987,932
05/01/2012 06:30	00014	00033	12	0,0183	4,08	104,23	0	16,26	135,06	80,12	988,2
05/01/2012 07:30	00013	00033	13	0,0194	4,41	88,08	0	17,73	344,73	75,26	988,522
05/01/2012 08:30	00013	00033	14	0,0207	5,15	83,16	0	19,07	580,06	68,98	988,44
05/01/2012 09:30	00012	00033	14	0,0217	4,12	86,51	0	20,69	756,49	60,09	988,261
05/01/2012 10:30	00012	00033	18	0,0225	4,58	100,95	0	22,26	912,32	52,03	987,985
05/01/2012 11:30	00012	00033	17	0,0232	4,63	102,97	0	23,7	1009,54	43,85	987,522
05/01/2012 12:30	00013	00033	13	0,0226	4,56	93,93	0	25,12	1041,75	36,24	986,942
05/01/2012 13:30	00013	00033	11	0,0236	4,63	95,86	0	26,17	1022,06	35,17	986,371
05/01/2012 14:30	00012	00033	10	0,0247	4,86	99,84	0	26,9	951,1	33,42	985,686
05/01/2012 15:30	00012	00034	23	0,0256	5,35	99,81	0	27,24	812,3	34,29	985,07
05/01/2012 16:30	00014	00034	14	0,0291	5,63	107,61	0	27,19	629,42	34,87	984,397
05/01/2012 17:30	00014	00034	21	0,0312	5,64	111,97	0	26,81	416,77	36,92	983,814
05/01/2012 18:30	00014	00034	33	0,0304	5,79	104,77	0	25,92	204,9	40,56	983,825
05/01/2012 19:30	00016	00035	39	0,0283	5,23	106,89	0	23,81	35,1	48,72	984,225
05/01/2012 20:30	00017	00034	19	0,0251	4,92	114,05	0	21,63	7,81	56,28	984,666
05/01/2012 21:30	00016	00033	13	0,0215	4,93	100,85	0	19,92	7,43	64,52	985,144
05/01/2012 22:30	00016	00033	12	0,0203	4,15	93,93	0	18,42	7,04	72,26	985,403
05/01/2012 23:30	00019	00033	21	0,0198	4,32	93,08	0	17,39	6,93	76,23	985,338
06/01/2012 00:30	00019	00033	16	0,018	3,72	87,94	0	16,32	6,69	81,78	985,135
06/01/2012 01:30	00019	00033	14	0,0172	2,48	86,83	0	15,88	6,51	85,15	984,82
06/01/2012 02:30	00017	00033	12	0,0174	2,61	86,97	0	15,97	6,6	86,09	984,304
06/01/2012 03:30	0004	00068	17	0,0146	2,54	87,43	0	15,83	6,33	86,9	984,079
06/01/2012 04:30	00054	00062	14	0,0128	2,97	107,11	0	15,82	6,59	85,87	984,093
06/01/2012 05:30	00028	00036	14	0,0162	3,01	110,45	0	16,12	13,02	83,32	984,341
06/01/2012 06:30	00019	00035	13	0,0168	2,54	115,91	0	16,7	128,5	82,44	985,007
06/01/2012 07:30	00013	00034	13	0,0186	2,82	102,28	0	18,66	344,8	76,38	985,383
06/01/2012 08:30	00022	00202	24	0,0189	2,84	69	0	20,25	564,19	72,78	985,463
06/01/2012 09:30	00023	0,016	27	0,0221	1,71	86,31	0	23,11	786,15	53,76	985,429
06/01/2012 10:30	00015	00038	23	0,0233	2,83	115,22	0	25,34	919,57	38,01	985,498
06/01/2012 11:30	00012	00034	16	0,0231	3,56	124,62	0	26,45	1012,09	31,58	985,368
06/01/2012 12:30	00024	00038	16	0,0243	4,01	132,06	0	27,79	1033,47	30,33	985,08
06/01/2012 13:30	00021	00037	76	0,0309	4,48	138,36	0	29,05	1006,43	29,07	984,608
06/01/2012 14:30	00014	00034	23	0,0314	4,44	155,65	0	30,34	927,02	27,28	984,117
06/01/2012 15:30	00014	00034	51	0,0417	5,39	147,36	0	31,14	790,04	26,12	983,544
06/01/2012 16:30	00014	00034	30	0,0428	5,29	143,97	0	31,43	606,26	26,74	983,198
06/01/2012 17:30	00013	00034	36	0,0424	4,58	129,53	0	31,77	397,03	26,81	982,884
06/01/2012 18:30	00015	00034	24	0,0393	3,76	106,02	0	31,1	187,94	29,82	982,831
06/01/2012 19:30	00018	00034	37	0,0357	2,72	93,35	0	28,72	32,24	35,65	983,155
06/01/2012 20:30	00018	00035	41	0,0369	3,48	116,59	0	27,37	8,41	37,44	983,923
06/01/2012 21:30	00019	00035	44	0,0446	7,06	146,41	0	24,04	8,04	64,73	985,443
06/01/2012 22:30	00017	00035	31	0,0463	7,83	138,43	0	21,39	7,01	82,97	986,238
06/01/2012 23:30	00016	00034	30	0,0407	7,51	137,73	0	20,52	6,77	84,95	986,956
07/01/2012 00:30	00015	00034	33	0,0349	6,81	131,04	0	20,45	6,72	85,06	987,457
07/01/2012 01:30	00016	00034	31	0,0329	6,76	126,46	0	20,2	6,74	87,4	987,556
07/01/2012 02:30	00016	00033	30	0,0323	6,62	121,47	0	19,58	6,68	90,42	987,366
07/01/2012 03:30	00017	00033	21	0,0302	5,47	121,71	0	19,11	6,4	92,56	987,528
07/01/2012 04:30	00017	00033	20	0,0269	5,03	131,37	0	18,65	7,11	93,82	987,992
07/01/2012 05:30	00016	00033	20	0,0245	5,02	134,5	0	18,34	11,65	96,25	988,433
07/01/2012 06:30	00016	00033	31	0,0205	4,82	132,78	0	18,73	115,47	94,52	988,863
07/01/2012 07:30	00014	00033	29	0,0194	5,69	117,21	0	19,95	225,9	85,23	989,362
07/01/2012 08:30	00013	00033	36	0,0219	6,77	107,2	0	21,13	412,77	74,4	989,484
07/01/2012 09:30	00012	00033	30	0,0221	6,34	107,04	0	22,31	647,63	67,06	989,504
07/01/2012 10:30	00012	00033	40	0,0228	6,37	108,71	0	23,43	804,89	60,49	989,371
07/01/2012 11:30	00012	00033	38	0,023	7,09	101,19	0	24,89	982	54,18	988,785
07/01/2012 12:30	00012	00033	30	0,0235	7,3	104,36	0	26,17	1019,26	48,6	988,302
07/01/2012 13:30	00012	00033	36	0,0215	6,85	105,16	0	27,18	1005,53	45,41	987,796
07/01/2012 14:30	00013	00033	33	0,0214	6,78	113,41	0	27,81	939,01	43,31	987,394
07/01/2012 15:30	00012	00033	43	0,0213	6,92	119,17	0	27,9	794,2	43	987,112
07/01/2012 16:30	00012	00033	44	0,0209	7,3	115,22	0	27,16	549,2	46,12	986,904
0											

08/01/2012 22:30	0,0017		0,0034		25		0,0253		6,54		58,35		0		23,3		7,98		72,14		986,406	
08/01/2012 23:30	0,0032		0,0037		25		0,0228		6,77		60,57		0		22,23		7,74		76,55		986,589	