

Eletrobras CGTEE																				
Estação 4 - Pedras Altas																				
Data de Medição	Qualidade do Ar						Meteorologia													
	Ar Ambiente						Clima e Meteorologia													
	Dióxido de Nitrogênio		Dióxido de Enxofre		Partículas Inaláveis (<10µm)		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 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 3,0 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	
Data	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [µg/m3]	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		0		8		8,96		125,94		0		13,53		8,88		76,34		978,627	
25/12/2011 01:30	0		0		8		7,72		128,85		0		13,16		8,91		76,76		978,577	
25/12/2011 02:30	0		0		9		7,85		125,25		0		12,96		8,9		76,4		978,497	
25/12/2011 03:30	0		0		10		6,98		125,08		0		12,77		8,86		75,17		978,453	
25/12/2011 04:30	0		0		10		7,26		127,44		0		12,6		8,86		74,23		978,639	
25/12/2011 05:30	0		0		8		7,07		134,12		0		12,67		30,16		73,07		978,888	
25/12/2011 06:30	0		0		9		7,76		129,34		0		14,22		310,31		68,62		979,13	
25/12/2011 07:30	0		0		8		8,87		119,67		0		15,49		509,62		66,77		979,38	
25/12/2011 08:30	0		0		9		9,04		116,3		0		16,8		777,33		61,77		979,766	
25/12/2011 09:30	0		0		9		8,4		104,95		0		18,07		1032,88		58,25		979,832	
25/12/2011 10:30	0		0		10		8,16		105,2		0		19,23		1230,97		53,37		979,901	
25/12/2011 11:30	0		0		10		7,51		106,52		0		20,29		1351,49		50,91		979,676	
25/12/2011 12:30	0		0		10		6,74		101,48		0		21,14		1213,52		49,5		979,144	
25/12/2011 13:30	0		0		10		6,94		101,58		0		21,87		1231,38		47,97		978,613	
25/12/2011 14:30	0		0		12		7,31		110,19		0		21,94		1182,16		48,01		978,172	
25/12/2011 15:30	0		0		10		7,25		103,84		0		22,1		1094,4		47,09		977,759	
25/12/2011 16:30	0		0		10		7,85		90,4		0		21,97		885,83		47,93		977,272	
25/12/2011 17:30	0		0		16		8,07		90,34		0		20,86		431,35		53,72		977,23	
25/12/2011 18:30	0		0		13		8,13		81,39		0		19,76		225,64		59,06		977,337	
25/12/2011 19:30	0		0		12		8,13		83,38		0		18,69		54,95		61,52		977,679	
25/12/2011 20:30	0		0		10		6,31		76,25		0		17,41		9,1		64,11		978,089	
25/12/2011 21:30	0		0		10		6,57		79,41		0		16,25		9		68,58		978,457	
25/12/2011 22:30	0		0		12		7,08		82,44		0		15,51		8,89		70,19		978,742	
25/12/2011 23:30	0		0		11		7,54		82,53		0		15,08		9,06		71,62		978,414	
26/12/2011 00:30	0		0		10		6,41		76,73		0		14,6		8,98		71,86		978,051	
26/12/2011 01:30	0		0		9		6,81		80,68		0		14,49		8,96		72,33		977,356	
26/12/2011 02:30	0		0		5		6,71		73,02		0		14,3		8,92		79,84		976,867	
26/12/2011 03:30	0		0		7		9		80,45		0		14,38		8,89		82,8		976,342	
26/12/2011 04:30	0		0		9		9,63		81,37		0		14,59		8,89		84,22		976,376	
26/12/2011 05:30	0		0		8		9,73		86,11		0		14,57		23,38		85,52		976,545	
26/12/2011 06:30	0		0		7		8,97		87,61		0		15,57		205,48		81,41		977,137	
26/12/2011 07:30	0		0		6		8,94		87,22		0		16,86		478,52		74,86		977,414	
26/12/2011 08:30	0		0		26		9,85		80,06		0		18,44		758,83		66,74		977,354	
26/12/2011 09:30	0		0		5		9,21		74,65		0		19,65		1011,1		63,11		977,147	
26/12/2011 10:30	0		0		15		7,57		75,38		0		21,09		1170,06		60,73		977,241	
26/12/2011 11:30	0		0		7		6,93		74,66		0		22,5		1247,97		57,18		976,855	
26/12/2011 12:30	0		0		9		7,17		74,25		0		23,55		1319,7		55,24		976,121	
26/12/2011 13:30	0		0		9		7,36		72,66		0		23,9		1090,62		55,19		975,329	
26/12/2011 14:30	0		0		8		7,32		75,66		0		23,93		868,61		56,08		974,721	
26/12/2011 15:30	0		0		9		7,46		72,13		0		23,83		637,38		57,5		974,306	
26/12/2011 16:30	0		0		13		8		77,88		0		23,59		548,48		58,47		974,001	
26/12/2011 17:30	0		0		12		8,13		82,16		0		23,27		406,99		59,42		973,893	
26/12/2011 18:30	0		0		9		9,44		82,66		0		22,65		252,67		60,68		973,565	
26/12/2011 19:30	0		0		9		9,31		82,57		0		21,1		42,97		66,22		973,879	
26/12/2011 20:30	0		0		10		9,57		85,27		0		19,83		9,12		72,34		974,016	
26/12/2011 21:30	0		0		12		8,14		95,86		0		18,91		9,03		76,71		974,751	
26/12/2011 22:30	0		0		10		8,79		90,22		0		18,34		8,94		78,53		974,905	
26/12/2011 23:30	0		0		10		9,55		82,47		0		17,75		8,97		81,77		974,623	
27/12/2011 00:30	0		0		12		9,72		81,52		0		17,2		9,11		84,63		974,379	
27/12/2011 01:30	0		0		26		9,86		80,97		0		16,81		9,07		85,62		973,808	
27/12/2011 02:30	0		0		11		9,37		86,11		0		16,54		9,06		86,34		973,414	
27/12/2011 03:30	0		0		11		9,37		88,35		0		16,34		9,03		86,86		973,093	
27/12/2011 04:30	0		0		8		7,32		103,93		0		15,95		9,04		88,79		973,412	
27/12/2011 05:30	0		0		8		5,61		123,94		0		15,24		24,44		92,17		973,999	
27/12/2011 06:30	0		0		9		6,35		113,58		0		16,35		190,63		89,26		974,287	
27/12/2011 07:30	0		0		10		7,06		103,14		0		17,76		443,22		86,33		974,604	
27/12/2011 08:30	0		0		13		7,24		98,84		0		19,64		757,62		78,97		974,759	
27/12/2011 09:30	0		0		13		6,5		108,43		0		21,11		1010,05		71,4		974,793	
27/12/2011 10:30	0		0		13		5,8		122,02		0		22,63		1225,25		60,57		974,741	
27/12/2011 11:30	0		0		12		4,72		155,69		0		23,57		1338,95		48,67		974,556	
27/12/2011 12:30	0		0		12		4,71		133,59		0		24,77		1446,93		42,64		974,043	
27/12/2011 13:30	0		0		12		6,41		120,87		0		25,17		1301,65		46,47		973,46	
27/12/2011 14:30	0		0		20		7,09		126,29		0		25,19		1090,48		47,45		973,201	
27/12/2011 15:30	0		0		14		7,58		121,95		0		24,89		916,16		53,15		972,979	
27/12/2011 16:30	0		0		16		9,12		120,36		0		24,13		760,95		57,74		972,701	
27/12/2011 17:30	0		0		15		9,47		118,77		0		23,38		545,96		60,14		972,689	
27/12/2011 18:30	0		0		17		10,38		112,33		0		22,2		264,23		66,5		972,789	
27/12/2011 19:30	0		0		17		10,27		112,16		0		20,48		45,1		73,47		973,477	
27/12/2011 20:30	0		0		34		10,12		112,98		0		19,28		9,07		78,71		973,976	
27/12/2011 21:30	0		0		18		10,17		111,32		0		18,55		8,96		80,24		974,635	
27/12/2011 22:30	0		0		15		8,42		108,66		0		17,71		8,95		87,61		975,425	
27/12/2011 23:30	0		0		12		6,97		106,5		0		17,27		8,93		92,96		975,605	
28/12/2011 00:30	0		0		11		6,51		102,34		0		16,94		8,92		95,13		975,452	
28/12/2011 01:30	0		0		11		6,33		102,96		0		16,69		8,91		95,9		975,202	
28/12/2011 02:30	0		0		7		5,78		100,22		0		16,32		8,87		96,51		974,848	
28/12/2011 03:30	0		0		6		5,98		96,34											

29/12/2011 01:30	0	0	7	8,7	81,72	0	15,99	9,07	89,85	973,094
29/12/2011 02:30	0	0	6	8,97	79,3	0	15,96	9,03	90,72	972,331
29/12/2011 03:30	0	0	7	7,72	73,63	0	15,48	8,79	92,88	972,283
29/12/2011 04:30	0	0	8	5,51	73,64	0	15,24	8,77	92,06	973,061
29/12/2011 05:30	0	0	9	4,98	66,92	0	14,96	21,39	91,82	973,37
29/12/2011 06:30	0	0	10	6,49	69,51	0	15,67	206,55	87,13	973,369
29/12/2011 07:30	0	0	11	8,18	61,68	0	17,05	485,38	79,69	973,336
29/12/2011 08:30	0	0	18	8,46	65,8	0	18,91	768,85	64,42	973,746
29/12/2011 09:30	0	0	13	7,28	67,16	0	20,09	1025,97	57,97	973,585
29/12/2011 10:30	0	0	16	6,65	61,16	0	21,28	1220,07	54,41	973,408
29/12/2011 11:30	0	0	18	6,08	69,68	0	22,6	1340,36	49,03	972,969
29/12/2011 12:30	0	0	20	6,45	67,98	0	23,82	1386,11	42,59	972,235
29/12/2011 13:30	0	0	17	6,4	73,45	0	24,76	1337,02	38,55	971,607
29/12/2011 14:30	0	0	20	7,15	75,32	0	25,44	1271,96	33,15	970,768
29/12/2011 15:30	0	0	16	7,4	90,76	0	25,85	1095,08	31,98	970,075
29/12/2011 16:30	0	0	20	8,07	99,76	0	25,67	856,52	31,47	969,41
29/12/2011 17:30	0	0	20	8,67	95,8	0	24,94	568,29	35,64	969,092
29/12/2011 18:30	0	0	19	8,41	94,82	0	23,31	244,88	44,86	969,287
29/12/2011 19:30	0	0	21	7,1	88,19	0	21,48	47,18	53,43	969,86
29/12/2011 20:30	0	0	16	8,3	92,9	0	19,35	9,07	59,98	969,53
29/12/2011 21:30	0	0	14	8,4	90,47	0	18,15	9	67,78	969,728
29/12/2011 22:30	0	0	13	7,39	92,95	0	17,36	8,92	80,96	969,825
29/12/2011 23:30	0	0	11	8,49	89,11	0	16,85	8,86	87,32	969,524
30/12/2011 00:30	0	0	9	9,63	91,19	0	16,48	8,89	89	968,676
30/12/2011 01:30	0	0	15	10,33	91,28	0	16,08	8,87	90,91	968,532
30/12/2011 02:30	0	0	9	10,92	84,23	0	16,03	8,83	89,84	967,859
30/12/2011 03:30	0	0	9	10,1	82,4	0	16,05	8,81	87,17	967,871
30/12/2011 04:30	0	0	7	10,26	89,25	0	15,76	8,85	88	968,282
30/12/2011 05:30	0	0	4	11,02	86,72	0	15,77	22,16	87,32	968,36
30/12/2011 06:30	0	0	6	11,36	77,87	0	16,55	222,46	83,56	968,459
30/12/2011 07:30	0	0	10	11,91	73,01	0	17,57	330,38	79,59	967,894
30/12/2011 08:30	0	0	12	9,9	67,43	0	18,99	577,83	74,88	967,833
30/12/2011 09:30	0	0	14	8,37	59,93	0	20,93	951,35	69,38	968,178
30/12/2011 10:30	0	0	12	6,53	58,98	0	23,04	1192,67	62,69	968,293
30/12/2011 11:30	0	0	17	4,83	65,1	0	24,85	1175,15	55,9	968,48
30/12/2011 12:30	0	0	14	5,25	71,48	0	26,45	1317,62	50,75	968,108
30/12/2011 13:30	0	0	19	6,04	78,24	0	26,88	883,14	48,75	967,665
30/12/2011 14:30	0	0	19	8,32	85,42	0	26,76	777,31	49,94	967,081
30/12/2011 15:30	0	0	21	9,73	80,39	0	25,64	510,09	55,23	966,43
30/12/2011 16:30	0	0	23	9,52	81,05	0	23,97	146,4	62,7	966,006
30/12/2011 17:30	0	0	19	10,1	92,47	0	22,5	292,46	70,64	965,73
30/12/2011 18:30	0	0	18	10,87	83,35	0	21,53	53,36	70,22	966,042
30/12/2011 19:30	0	0	22	12,22	77,02	0	20,45	14,55	75,73	966,27
30/12/2011 20:30	0	0	31	10,88	81,04	0	19,67	9,04	81,46	966,353
30/12/2011 21:30	0	0	17	9,51	95,1	0	19,58	9	78,04	967,434
30/12/2011 22:30	0	0	16	9,13	82,17	0	19,15	8,94	80,34	967,84
30/12/2011 23:30	0	0	17	8,62	77,38	0	18,91	8,87	81,28	968,055
31/12/2011 00:30	0	0	14	8,2	87,93	0	18,57	8,88	82,84	968,2
31/12/2011 01:30	0	0	20	9,2	96,74	0	18,12	8,9	85,94	967,552
31/12/2011 02:30	0	0	14	8,13	100,16	0	17,81	9,04	88,7	967,411
31/12/2011 03:30	0	0	13	7,12	111,52	0	17,92	9,08	90,13	967,485
31/12/2011 04:30	0	0	15	6,94	118,33	0	17,97	9,07	91,59	967,619
31/12/2011 05:30	0	0	18	7,54	113,66	0	18,09	14,39	93,25	967,88
31/12/2011 06:30	0	0	14	8,17	109,07	0	18,6	73,04	90,98	968,037
31/12/2011 07:30	0	0	985	IE 9,03	105,77	0	18,92	134,93	90,43	968,481
31/12/2011 08:30	0	0	985	IE 8,99	98,58	0	19,74	384,08	85,78	968,776
31/12/2011 09:30	0	0	985	IE 9,37	103,99	0	20,74	856,44	80,64	968,338
31/12/2011 10:30	0	0	10	9,75	103,98	0	20,95	826,17	78,73	968,052
31/12/2011 11:30	0	0	15	9,87	106,93	0	22,17	1202,26	69,66	968,232
31/12/2011 12:30	0	0	14	10,99	106,04	0	22,45	1281,39	62,97	967,978
31/12/2011 13:30	0	0	14	10,04	105,39	0	22,49	878,52	62,34	968,051
31/12/2011 14:30	0	0	11	10,4	98,99	0	20,02	800,8	80,03	968,812
31/12/2011 15:30	0	0	7	10,5	96,97	0	19,78	761,27	81,15	968,482
31/12/2011 16:30	0	0	6	8,52	93,29	0	19,43	300,64	77,97	968,675
31/12/2011 17:30	0	0	5	8,01	90,13	0	19	323,82	75,39	968,638
31/12/2011 18:30	0	0	8	8,66	102,15	0	19,06	278,29	72,02	968,767
31/12/2011 19:30	0	0	8	7,35	121,51	0	17,9	56,09	80,25	969,431
31/12/2011 20:30	0	0	5	7,47	119,12	0	17,2	9,09	89,53	969,829
31/12/2011 21:30	0	0	6	9,26	109,7	0	16,68	8,98	92,89	969,956
31/12/2011 22:30	0	0	5	9,88	112,89	0	16,24	9,02	92,43	969,925
31/12/2011 23:30	0	0	4	10,07	114,94	0	16,13	9,09	93,48	970,091
01/01/2012 00:30	0	0	17	10,71	116,75	0	16,36	9,04	91,67	969,776
01/01/2012 01:30	0	0	9	11,91	111,69	0	16,77	9,01	93,6	968,99
01/01/2012 02:30	0	0	9	11,32	101,46	0	16,36	8,96	88	968,171
01/01/2012 03:30	0	0	9	10,1	99,42	0	15,74	8,94	86,77	967,9
01/01/2012 04:30	0	0	7	9,52	99,1	0	15,84	8,91	89,37	968,586
01/01/2012 05:30	0	0	8	8,72	110,87	0	15,94	12,78	94,62	969,582
01/01/2012 06:30	0	0	6	8,48	110,79	0	16,42	52,91	96,09	970,132
01/01/2012 07:30	0	0	2	8,48	106,6	0,4	16,93	156,62	96,34	970,761
01/01/2012 08:30	0	0	4	10,18	105,2	0	17,98	501,38	92,75	971,076
01/01/2012 09:30	0	0	10	10,92	107,96	0,2	18,61	557,85	90,48	971,141
01/01/2012 10:30	0	0	13	10,74	94,16	0,4	18,9	706,1	91	971,336
01/01/2012 11:30	0	0	12	10,34	97,35	0	19,98	1085,05	84,79	970,985
01/01/2012 12:30	0	0	12	10,15	106,11	0	21,56	1271,69	77,22	970,441
01/01/2012 13:30	0	0	13	9,24	118,7	0	22,07	1048,52	73,22	970,239
01/01/2012 14:30	0	0	13	9,2	110,33	0	23,22	1048,32	64,04	969,945
01/01/2012 15:30	0	0	13	9,05	108,41	0	23,38	787,91	62,53	969,731
01/01/2012 16:30	0	0	12	8,95	113,24	0	22,98	417,78	63,16	969,497
01/01/2012 17:30	0	0	12	8,77	116,06	0	22,95	452	61,63	969,326
01/01/2012 18:30	0	0	19	7,82	117,86	0	21,89	225,67	70,92	969,651
01/01/2012 19:30	0	0	20	6,96	111,78	0	20,17	29,36	79,11	970,17
01/01/2012 20:30	0	0	22	6,53	112	0	18,99	9,11	84,35	970,533
01/01/2012 21:30	0	0	13	7,56	116,41	0	18,02	8,96	87,99	970,672
01/01/2012 22:30	0	0	14	7,74	120,48	0	17,45	8,96	91,07	971,051
01/01/2012 23:30	0	0	13	8,04	108,52	0	16,78	9,06	94,12	970,626
02/01/2012 00:30	0	0	15	6,89	101,98	0	16,56	9,04	95,75	970,196
02/01/2012 01:30	0	0	9	4,29	94,92	0	16,26	9	96,49	970,085
02/01/2012 02:30	0	0	11	3,69	102,53	0	15,98	8,99	97,65	969,487
02/01/2012 03:30	0	0	11	3,48	158,08	0	15,7	9	97,98	969,568
02/01/2012 04:30	0	0	6	3,75	135,7	0	15,21	8,95	98,59	969,751
02/01/2012 05:30	0	0	6	4,31	123,6	0	15,09	19,3	98,7	969,78
02/01/2012 06:30	0	0	12	2,36	122,55	0	15,54	116,96	98,21	969,985
02/01/2012 07:30	0	0	14	4,68	113,03	0	16,75	252,24	96,71	970,088
02/01/2012 08:30	0	0	17	5,2	116,51	0	18,45	602,77	84,22	970,411
02/01/2012 09:30	0	0	19	4,86	141,1	0	20,08	781,44	71,4	970,421
02/01/2012 10:30	0	0	15	4,94	143	0	21,71	1276,37	59,18	970,394
02/01/2012 11:30	0	0	13	4,98	141,93	0	22,65	1364,7	53,27	970,059
02/01/2012 12:30	0	0	11	5,07	145,81	0	23,6	1349,45	48,3	969,473

02/01/2012 13:30	0		0		10	5,52		159,98		0	24,5	1361,88	42,22	968,844
02/01/2012 14:30	0		0		12	5,16		163,22		0	25,15	1267,25	40,2	968,592
02/01/2012 15:30	0		0		17	5,11		151,32		0	25,61	1083,63	41,86	968,113
02/01/2012 16:30	0		0		16	5,93		152,68		0	25,77	835,44	43,1	967,648
02/01/2012 17:30	0		0		17	6,49		158,08		0	25,3	550,67	43,01	967,502
02/01/2012 18:30	0		0		16	6,57		156,84		0	24,61	264,31	47,29	967,727
02/01/2012 19:30	0		0		13	4,67		137,16		0	23	43,03	58,43	968,401
02/01/2012 20:30	0		0		13	4,31		114,57		0	20,9	9,05	72,89	968,815
02/01/2012 21:30	0		0		14	4,71		104,53		0	19,67	9	78,41	968,901
02/01/2012 22:30	0		0		14	5,03		104,69		0	18,93	9,07	81,55	968,961
02/01/2012 23:30	0		0		16	3,62		96,47		0	18,53	9,1	83	968,829
03/01/2012 00:30	0		0		18	3,29		89		0	18,42	9,12	82,09	968,427
03/01/2012 01:30	0		0		11	2,25		99,47		0	19,57	9,04	75,11	967,765
03/01/2012 02:30	0		0		13	1,47		156,45		0	19,83	9,02	74,12	967,297
03/01/2012 03:30	0		0		14	1,98		236,98		0	19,76	9,04	74,35	967,231
03/01/2012 04:30	0		0		17	2,07		317,59		0	18,13	9,02	81,12	967,747
03/01/2012 05:30	0		0		30	1,81		310,63		0	17,46	19,94	85,02	968,213
03/01/2012 06:30	0		0		31	1,52		318,34		0	18,07	181,57	83,47	968,571
03/01/2012 07:30	0		0		21	2,4		322,86		0	18,95	421,91	80,46	969,032
03/01/2012 08:30	0		0		16	3,53		282,03		0	20,59	739,09	70,69	969,137
03/01/2012 09:30	0		0		17	5,21		258,11		0	22,29	1002,09	61,58	968,951
03/01/2012 10:30	0		0		19	5,46		235,09		0	24,15	1189,63	54,73	968,895
03/01/2012 11:30	0		0		22	5,83		222,18		0	25,3	1248,38	51,54	968,905
03/01/2012 12:30	0		0		17	6,17		201,64		0	25,83	1375,04	47,96	968,755
03/01/2012 13:30	0		0		20	6,2		195,96		0	25,91	1357,85	45,3	968,68
03/01/2012 14:30	0		0		22	5,78		185,24		0	26,17	1263,05	41,34	968,6
03/01/2012 15:30	0		0		24	6,25		180,18		0	26,23	1079,29	39,04	968,29
03/01/2012 16:30	0		0		22	5,82		173,55		0	26,45	814,63	39,26	968,125
03/01/2012 17:30	0		0		17	5,92		164,53		0	26,07	517,62	39,97	968,079
03/01/2012 18:30	0		0		29	8,1		141,97		0	24,35	222,03	52,88	968,123
03/01/2012 19:30	0		0		23	7,79		137,54		0	21,85	28,75	63,88	968,834
03/01/2012 20:30	0		0		20	7,97		132,88		0	19,96	9,04	72,09	969,361
03/01/2012 21:30	0		0		19	7,31		124,16		0	18,62	9,08	77,55	970,237
03/01/2012 22:30	0		0		21	8,09		129,67		0	17,56	9,06	81,86	970,458
03/01/2012 23:30	0		0		16	8,68		135,8		0	16,82	9,08	83,85	970,47
04/01/2012 00:30	0		0		17	7,31		134,86		0	15,96	9,07	86,67	970,593
04/01/2012 01:30	0		0		18	5,26		134,49		0	15,24	9,05	88,52	970,533
04/01/2012 02:30	0		0		18	4,32		129,74		0	14,78	9,01	88,27	970,286
04/01/2012 03:30	0		0		16	4,23		130,03		0	14,42	8,99	89,03	970,118
04/01/2012 04:30	0		0		15	3,83		132,03		0	14,39	8,97	88,8	970,645
04/01/2012 05:30	0		0		16	3,05		157,6		0	14,28	19,09	89,81	971,468
04/01/2012 06:30	0		0		22	2,25		168,89		0	14,85	179,3	88,98	972,259
04/01/2012 07:30	0		0		21	3,76		167,79		0	16,5	449,25	84,25	972,736
04/01/2012 08:30	0		0		21	5,95		154,68		0	17,95	556,33	76,64	973,261
04/01/2012 09:30	0		0		16	5,71		159,89		0	19,14	861,36	68,33	973,565
04/01/2012 10:30	0		0		8	5,87		160,85		0	20,29	823,57	60,19	973,647
04/01/2012 11:30	0		0		10	5,88		157,65		0	21,46	1217,09	52,3	973,645
04/01/2012 12:30	0		0		16	5,6		158,23		0	22,79	1351,08	46,03	973,347
04/01/2012 13:30	0		0		14	5,69		148,34		0	23,64	1311,37	44,21	972,98
04/01/2012 14:30	0		0		15	6,42		157,76		0	24,03	1254	41,02	972,801
04/01/2012 15:30	0		0		17	6,34		156,51		0	24,45	1045,93	40,16	972,58
04/01/2012 16:30	0		0		16	6,39		149,91		0	24,61	906,09	41,39	972,364
04/01/2012 17:30	0		0		16	7,96		150,61		0	23,65	539,72	45,03	972,201
04/01/2012 18:30	0		0		23	7,69		146,94		0	22,62	262,91	49,09	972,379
04/01/2012 19:30	0		0		24	6,38		135,22		0	20,58	42,47	60,35	972,843
04/01/2012 20:30	0		0		20	5,94		130,62		0	18,65	9,08	70,15	973,371
04/01/2012 21:30	0		0		18	6,27		122,46		0	17,25	9,02	75,96	973,874
04/01/2012 22:30	0		0		12	5,83		109,73		0	16,27	8,96	80,02	974,133
04/01/2012 23:30	0		0		12	5,87		104,37		0	15,55	9,09	84,79	974,114
05/01/2012 00:30	0		0		12	6,22		107,43		0	15,08	8,9	87,96	973,957
05/01/2012 01:30	0		0		13	7,18		107,37		0	14,89	8,8	88,81	973,201
05/01/2012 02:30	0		0		15	7,06		99,39		0	14,88	8,9	86,39	972,643
05/01/2012 03:30	0		0		17	3,88		85,03		0	14,82	8,99	85,79	972,606
05/01/2012 04:30	0		0		17	3,32		82		0	15,04	8,95	83,24	972,84
05/01/2012 05:30	0		0		14	5,38		98,92		0	14,72	18,2	84,75	973,157
05/01/2012 06:30	0		0		12	5,06		94,12		0	15,57	183,56	82,72	973,493
05/01/2012 07:30	0		0		17	5,49		80,74		0	17,09	461,19	75,88	973,737
05/01/2012 08:30	0		0		15	6,63		73,64		0	18,33	750,75	69,25	973,663
05/01/2012 09:30	0		0		10	5,2		89,83		0	20,05	1009,23	60,01	973,538
05/01/2012 10:30	0		0		12	5,52		107,11		0	21,15	1214,42	54,11	973,43
05/01/2012 11:30	0		0		12	5,61		96,65		0	22,6	1342,05	45,8	973,014
05/01/2012 12:30	0		0		12	5,95		93,24		0	23,77	1387,51	39,03	972,466
05/01/2012 13:30	0		0		12	5,36		94,08		0	24,77	1364,34	37,02	971,952
05/01/2012 14:30	0		0		10	5,82		111,81		0	25,27	1263	35,57	971,409
05/01/2012 15:30	0		0		10	6,35		97,15		0	25,45	1088,76	36,92	970,939
05/01/2012 16:30	0		0		16	7,06		108,57		0	25,08	848,11	38,5	970,217
05/01/2012 17:30	0		0		15	7,17		105,72		0	24,4	562,24	43,49	969,722
05/01/2012 18:30	0		0		11	7,41		98,05		0	23,25	278,21	47,02	969,682
05/01/2012 19:30	0		0		18	5,97		95,97		0	21,27	48,81	54,33	970,214
05/01/2012 20:30	0		0		41	5,74		96,3		0	19,07	9,1	66,08	970,555
05/01/2012 21:30	0		0		21	5,92		102,39		0	17,53	9	73,92	970,886
05/01/2012 22:30	0		0		18	6,78		91,81		0	16,78	8,87	79,35	970,925
05/01/2012 23:30	0		0		11	5,8		71,25		0	16,5	9,06	83,46	970,904
06/01/2012 00:30	0		0		10	5,09		49,49		0	16,31	9,04	85,95	970,602
06/01/2012 01:30	0		0		10	7,12		59,2		0	16,1	9,03	87,79	969,878
06/01/2012 02:30	0		0		16	5,56		53,56		0	15,44	8,99	89,55	969,67
06/01/2012 03:30	0		0		10	4,76		54,5		0	15,35	9	87,39	969,385
06/01/2012 04:30	0		0		11	5,44		59,7		0	15,46	8,97	89,39	969,147
06/01/2012 05:30	0		0		12	4,49		77,65		0	15,67	16,21	91,14	969,645
06/01/2012 06:30	0		0		11	5,49		100,24		0	15,78	184,63	92,46	970,145
06/01/2012 07:30	0		0		8	3,71		54,18		0	18,31	466,38	83	970,447
06/01/2012 08:30	0		0		9	2,83		57,46		0	20,46	753,28	71,87	970,786
06/01/2012 09:30	0		0		11	2,53		66,54		0	22,79	1013	58,4	970,736
06/01/2012 10:30	0		0		10	2,44		136,65		0	24,93	1223,99	39,52	970,789
06/01/2012 11:30	0		0		6	4,35		169,31		0	25,75	1351,49	33,25	970,849
06/01/2012 12:30	0		0		5	4,79		165,77		0	26,55	1397,2	31,19	970,536
06/01/2012 13:30	0													

07/01/2012 01:30	0	0	13	6,28	114,99	0	19,72	9,09	90,11	973,116
07/01/2012 02:30	0	0	12	6,63	114,69	0	19,25	9,1	89,57	972,845
07/01/2012 03:30	0	0	12	7,29	113,32	0	18,97	9,1	90,51	972,632
07/01/2012 04:30	0	0	11	5,96	124,68	0	18,3	9,12	92,95	972,921
07/01/2012 05:30	0	0	16	5,53	133,87	0	17,85	14,45	95,3	973,478
07/01/2012 06:30	0	0	25	6,19	125,85	0	18,21	68,95	95,06	974,03
07/01/2012 07:30	0	0	27	7,62	122,93	0	18,94	214,01	89,08	974,456
07/01/2012 08:30	0	0	30	7,55	115,88	0	20,16	532,69	78,74	974,703
07/01/2012 09:30	0	0	33	7,88	116,85	0	21,46	861,22	68,36	974,657
07/01/2012 10:30	0	0	26	7,74	115,56	0	22,79	1212,96	61,02	974,707
07/01/2012 11:30	0	0	27	7,31	116,36	0	24,28	1256,95	55,72	974,518
07/01/2012 12:30	0	0	29	8,1	120,04	0	25,22	1356,22	50,97	973,903
07/01/2012 13:30	0	0	32	7,88	120,97	0	25,77	1350,59	48,46	973,406
07/01/2012 14:30	0	0	29	8,34	106,53	0	25,99	1194,52	49,26	973,063
07/01/2012 15:30	0	0	34	8,23	112,85	0	26,05	1073,16	48,97	972,875
07/01/2012 16:30	0	0	36	8,28	111,2	0	25,47	829,61	51,24	972,651
07/01/2012 17:30	0	0	35	8,43	105,25	0	24,55	571,67	55,17	972,52
07/01/2012 18:30	0	0	28	8,65	103,86	0	22,98	260,8	62,46	972,768
07/01/2012 19:30	0	0	28	9,24	102,41	0	21,08	44,77	70,88	973,242
07/01/2012 20:30	0	0	25	8,78	107,37	0	19,42	9,02	78,93	973,672
07/01/2012 21:30	0	0	28	9,18	107,72	0	18,54	9,02	84,77	974,142
07/01/2012 22:30	0	0	26	7,83	102,89	0	18,2	9,04	88,35	974,759
07/01/2012 23:30	0	0	25	8,4	94,51	0	18,04	8,95	89,4	974,627
08/01/2012 00:30	0	0	23	9,14	90,21	0	18	8,82	89,42	974,098
08/01/2012 01:30	0	0	22	8,6	87,51	0	17,88	8,89	91,39	973,679
08/01/2012 02:30	0	0	22	8,91	82,37	0	18,07	8,85	91,46	973,315
08/01/2012 03:30	0	0	16	9,09	83,17	0	18,15	8,81	92,57	972,961
08/01/2012 04:30	0	0	26	8,68	90,31	0	18,1	9,08	94,14	973,008
08/01/2012 05:30	0	0	18	9,14	91,32	0	18,16	15,39	95,36	973,186
08/01/2012 06:30	0	0	15	9,9	87,13	0	18,95	145,47	92,51	973,51
08/01/2012 07:30	0	0	13	10,47	84,56	0	20,37	422,24	85,36	973,78
08/01/2012 08:30	0	0	20	10,44	77,38	0	22,12	701,69	76,51	973,826
08/01/2012 09:30	0	0	15	9,46	70,79	0	24,06	963,79	67,62	973,764
08/01/2012 10:30	0	0	14	8,47	62,73	0	25,99	1133,19	59,98	973,564
08/01/2012 11:30	0	0	17	7,96	62,15	0	27,7	1246,94	54,07	973,265
08/01/2012 12:30	0	0	17	7,36	49	0	28,98	1152,78	49,32	972,775
08/01/2012 13:30	0	0	15	7,21	58,29	0	29,91	1097,45	45,6	972,127
08/01/2012 14:30	0	0	16	6,77	54,45	0	30,39	936,75	43,25	971,53
08/01/2012 15:30	0	0	19	7,67	60,52	0	30,64	806,33	42,47	970,873
08/01/2012 16:30	0	0	24	8,11	65,9	0	30,52	618,62	42,76	970,258
08/01/2012 17:30	0	0	22	9,98	79,84	0	29,55	536,73	48,87	969,727
08/01/2012 18:30	0	0	23	11,45	77,37	0	27,74	259,29	55,69	969,788
08/01/2012 19:30	0	0	33	10,94	83,3	0	25,44	46,77	63,03	970,087
08/01/2012 20:30	0	0	21	12,04	83,96	0	23,47	9,12	71,54	970,356
08/01/2012 21:30	0	0	32	11,85	81	0	22,01	9,04	77,76	971
08/01/2012 22:30	0	0	77	12,33	66,24	0	21,28	8,94	80,27	971,611
08/01/2012 23:30	0	0	17	9,91	57,27	0	20,99	9,07	80,41	972,423