

Eletrobras CGTEE																				
Estação 1 - Aeroporto																				
Data de Medição	Qualidade do Ar Ar Ambiente						Meteorologia Clima e Meteorologia													
	Partículas Inaláveis ( $<10\mu\text{m}$ )		Dióxido de Nitrogênio		Dióxido de Enxofre		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 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	
dd/mm/aaaa hh:mm	Valor [µg/m3]	Flag	Valor [ppm]	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
01/05/2013 00:30	7		0.0082				1.45		90,82		0		15,42		1,63		91,82		991,548	
01/05/2013 01:30	9		0.0063				2,88		77		0		15,18		1,32		92,47		991,057	
01/05/2013 02:30	9		0.0025				4,44		79,39		0		15,61		1,3		92,57		990,627	
01/05/2013 03:30	7		0.0021				5,33		60,4		0		16,26		1,36		92,42		990,407	
01/05/2013 04:30	16		0.0021				6,08		49,78		0		16,75		1,4		90,36		990,768	
01/05/2013 05:30	8		0.0024				5,06		48,19		0		16,79		1,39		89,79		991,097	
01/05/2013 06:30	9		0.0022				4,59		60,14		0		16,72		1,45		90,23		991,492	
01/05/2013 07:30	10		0.0022				4,95		58,92		0		16,51		11,34		91,11		991,55	
01/05/2013 08:30	10		0.0025				5,27		59,81		0		16,79		60,06		91,51		992,084	
01/05/2013 09:30	10		0.0024				6,04		64,27		0		17,89		185,88		88,72		992,276	
01/05/2013 10:30	11		0.0024				5,44		45,2		0		19,3		270,53		82,49		992,469	
01/05/2013 11:30	12		0.0021				5,72		45,27		0		20,04		254,23		79,46		991,965	
01/05/2013 12:30	9		0.0023				5,38		40,28		0		20,56		257,83		78,06		991,179	
01/05/2013 13:30	8		0.0023				5,91		53,15		0		20,77		224,9		77,91		990,308	
01/05/2013 14:30	8		0.0024				5,54		44,99		0		21,17		228,09		76,78		989,724	
01/05/2013 15:30	8		0.0024				4,76		42,3		0		21,2		123,73		77,19		989,412	
01/05/2013 16:30	17		0.0025				4,31		38,99		0		20,84		41,44		79,57		989,304	
01/05/2013 17:30	10		0.0026				3,41		51,38		0		20,17		10,27		83,95		989,353	
01/05/2013 18:30	11		0.0027				3,48		54,76		0		19,83		2,82		84,32		989,016	
01/05/2013 19:30	12		0.0029				4,33		33,33		0		19,71		2,78		83,66		988,791	
01/05/2013 20:30	11		0.0028				6,07		35		0		19,62		2,74		83,63		988,535	
01/05/2013 21:30	81		0.0027				5,99		38,32		0		19,43		2,73		84,53		988,258	
01/05/2013 22:30	12		0.0028				5,56		29,15		0		19,4		2,7		84,72		988,205	
01/05/2013 23:30	11		0.0029				6,83		31,11		0		19,46		2,67		85,06		987,605	
02/05/2013 00:30	7		0.0027				4,01		32,27		0		19,48		2,67		86,07		987,451	
02/05/2013 01:30	8		0.0028				2,91		51,46		0		19,26		2,66		87,04		987,117	
02/05/2013 02:30	11		0.0027				3,29		49,62		0		19,33		2,68		87,41		986,955	
02/05/2013 03:30	11		0.003				2,68		101,14		0		18,71		2,64		89,26		986,715	
02/05/2013 04:30	7		0.0024				3,67		82,71		0		18,3		2,62		91,68		986,523	
02/05/2013 05:30	6		0.0024				2,47		90,47		0		18,15		2,62		92,04		987,435	
02/05/2013 06:30	15		0.0048				1,93		88,27		0		17,95		2,69		92,34		987,837	
02/05/2013 07:30	12		0.0037				1,8		118,36		0		17,76		19,13		92,81		988,777	
02/05/2013 08:30	11		0.0033				2,38		76,74		0		18,42		68,2		92,29		988,947	
02/05/2013 09:30	11		0.0037				3		60,76		0		19,79		187,32		87,8		989,422	
02/05/2013 10:30	17		0.0054				2,14		97,37		0		21,85		344,28		80,14		989,661	
02/05/2013 11:30	18		0.0058				1,96		37,1		0		23,66		312,2		73,14		989,32	
02/05/2013 12:30	18		0.0029				3,17		70,44		0		23,35		125,52		74,88		987,925	
02/05/2013 13:30	10		0.0039				5,21		188,72		0		21,7		51,33		82,94		987,998	
02/05/2013 14:30	16		0.0032				7,59		170,49		1,4		20,09		16,29		89,4		987,37	
02/05/2013 15:30	18		0.006				5,42		137,63		1,8		19,69		9,7		89,52		987,367	
02/05/2013 16:30	10		0.0086				3,51		1,48		2,8		19,33		17,19		91,54		987,798	
02/05/2013 17:30	12		0.0077				2,36		22,19		1,2		19,13		4,1		92,38		987,655	
02/05/2013 18:30	17		0.0082				3,99		26,35		0,2		19,1		2,97		92,06		986,497	
02/05/2013 19:30	9		0.0046				3,13		335,68		0,2		19,24		2,97		89,81		986,87	
02/05/2013 20:30	10		0.0037				4,59		354,13		0		19,23		2,97		90,69		987,086	
02/05/2013 21:30	10		0.0044				4,44		260,26		0,2		19,45		2,97		88,8		987,834	
02/05/2013 22:30	22		0.0122				2,91		77,88		0		19,07		2,91		90,55		987,613	
02/05/2013 23:30	18		0.0134				1,52		19,25		0		18,86		2,91		91,53		987,157	
03/05/2013 00:30	17		0.0107				2,2		43,29		0		18,9		2,93		90,62		986,576	
03/05/2013 01:30	19		0.0088				3,57		142,21		0		18,68		2,95		91,53		986,514	
03/05/2013 02:30	22		0.0129				2,64		170,76		0		18,23		2,36		92,86		985,98	
03/05/2013 03:30	14		0.0129				1,96		46,5		0		18,03		1,72		93,03		985,292	
03/05/2013 04:30	25		0.0099				2,58		156,88		0		18,06		1,85		93,17		985,412	
03/05/2013 05:30	14		0.0052				2,48		92,81		0		18,06		1,92		92,74		985,117	
03/05/2013 06:30	16		0.0049				3,66		83,1		0		18,1		2,1		91,96		983,978	
03/05/2013 07:30	9		0.003				4,31		72,18		0		18,38		10,7		89,98		982,663	
03/05/2013 08:30	6		0.0026				7,88		67,55		0		18,44		9,55		89,64		980,631	
03/05/2013 09:30	4		0.0029				5,64		70,15		0		19,14		5,43		86,59		981,613	
03/05/2013 10:30	985	IU	0.0036				6,07		33,58		0,2		18,88		7,91		88,26		980,118	
03/05/2013 11:30	8		0.0041				4,41		33,92		3,4		19,33		4,41		88,13		980,446	
03/05/2013 12:30	19		0.0033				4,97		111,17		14,8		18,87		4,52		92,67		979,865	
03/05/2013 13:30	10		0.0078				2,47		170,93		4,4		18,57		10,36		93,7		980,302	
03/05/2013 14:30	11		0.0095				4,72		29,39		1,2		18,55		19,57		94,06		979,235	
03/05/2013 15:30	10		0.0042				10,55		7,19		0,2		19,54		29,62		92,47		976,993	
03/05/2013 16:30	8		0.0038				8,14		346,55		0		20,14		20,25		86,91		978,221	
03/05/2013 17:30	8		0.0037				6,66		321,28		0		20,18		19,04		85,44		979,205	
03/05/2013 18:30	6		0.003				6,52		277,96		0		19,37		2,11		88,47		980,264	
03/05/2013 19:30	6		0.0032				6,33		291,46		0		18,75		1,91		92,3		980,446	
03/05/2013 20:30	11		0.003				6,46		283,97		0		19		1,85		92,23		980,911	
03/05/2013 21:30	9		0.0026				7,38		271,82		0		18,78		1,85		90,8		982,016	
03/05/2013 22:30	6		0.0025				6,89		270,1		0		18,49		1,89		90,9		982,729	
03/05/2013 23:30	7		0.0025				4,5		281,48		0		18,19		1,97		90,86		983,063	
04/05/2013 00:30	7		0.0026				3,21		272,61		0		18,01		2,07		91,15		983,637	
04/05/2013 01:30	6		0.0023				3,73		268,26		0		17,93		2,09		91,9		983,45	
04/05/2013 02:30	8		0.																	

04/05/2013 20:30	19		0,0119			0,79	55,63		0		15,43		1,64		88,46		989,729		
04/05/2013 21:30	17		0,009			1,05	21,51		0		14,19		1,58		92,26		990,223		
04/05/2013 22:30	8		0,009			0,73	19,2		0		13,75		1,58		93,38		990,472		
04/05/2013 23:30	17		0,0083			1,04	9,22		0		13,14		1,57		93,73		990,384		
05/05/2013 00:30	2		0,0069			0,78	7,61		0		12,72		1,58		94		990,254		
05/05/2013 01:30	4		0,0074			0,9	221,63		0		12,3		1,47		94,2		990,533		
05/05/2013 02:30	7		0,0053			1,05	336,47		0		11,87		1,4		94,35		990,716		
05/05/2013 03:30	8		0,0061			0,64	63,37		0		11,6		1,41		94,46		990,798		
05/05/2013 04:30	7		0,0054			0,75	287,51		0,2		11,48		1,32		94,54		990,962		
05/05/2013 05:30	8		0,0054			1,4	293,12		0		11,79		1,32		94,64		991,353		
05/05/2013 06:30	9		0,0052			1,73	294,1		0		11,68		1,38		94,71		991,837		
05/05/2013 07:30	985	IU	0,0048			0,84	50,53		0		11,17		42,68		94,74		992,272		
05/05/2013 08:30			0,0012	IU															
05/05/2013 09:30																			
05/05/2013 10:30																			
05/05/2013 11:30																			
05/05/2013 12:30																			
05/05/2013 13:30	985	IU	0,0028	IU		4,03	IU	203,41	IU	0	IU	19,44	IU	205,36	IU	67,87	IU	990,76	IU
05/05/2013 14:30	-6	IR	0,0025			5,22		213,23		0		20,09		427,13		60,74		990,873	
05/05/2013 15:30	17		0,0024			5,37		216,16		0		20,19		312,09		60,42		990,879	
05/05/2013 16:30	10		0,0025			5,12		233,81		0		20,33		269,12		59,55		990,785	
05/05/2013 17:30	12		0,0031			4,22		240,49		0		19,09		55,48		66,63		990,818	
05/05/2013 18:30	13		0,004			3,74		236,81		0		16,51		2,58		78,06		991,016	
05/05/2013 19:30	10		0,0033			3,66		218,29		0		15,97		1,61		78,43		991,511	
05/05/2013 20:30	9		0,003			3,21		212,91		0		15,38		1,86		80,3		991,984	
05/05/2013 21:30	10		0,0032			3,35		207,15		0		14,6		1,86		82,61		992,297	
05/05/2013 22:30	11		0,0036			2,36		197,7		0		13,92		1,75		83,71		992,144	
05/05/2013 23:30	11		0,0043			2,33		197,73		0		13,53		1,58		83,54		992,156	
06/05/2013 00:30	9		0,0049			2,24		206,87		0		13,4		1,45		82,34		991,676	
06/05/2013 01:30	10		0,0039			1,39		316,48		0		11,71		1,72		88,55		991,106	
06/05/2013 02:30	12		0,0035			1,35		348,04		0		10,77		1,61		90,81		990,519	
06/05/2013 03:30	8		0,0041			0,86		349,89		0		10,4		1,57		92,16		990,293	
06/05/2013 04:30	5		0,0057			1,37		8,08		0		9,93		1,42		92,62		989,863	
06/05/2013 05:30	8		0,0058			1,87		11,27		0		9,75		1,36		92,94		989,903	
06/05/2013 06:30	16		0,0075			1,37		17,44		0		9,6		1,48		92,92		990,253	
06/05/2013 07:30	14		0,0087			0,98		32,95		0		9,6		52,15		93,01		990,702	
06/05/2013 08:30	12		0,0081			1,38		13,65		0		12,22		228,58		89,38		991,343	
06/05/2013 09:30	16		0,0042			2,26		353,07		0		15,37		395,01		78,65		991,709	
06/05/2013 10:30	18		0,0031			3,87		308,22		0		18,22		529,98		63,68		991,664	
06/05/2013 11:30	13		0,0036			5,1		276,15		0		19,67		613,44		58,65		991,319	
06/05/2013 12:30	13		0,0033			5,62		268,65		0		20,62		643,34		53,94		990,633	
06/05/2013 13:30	11		0,0032	IC		5,7		266,14		0		21,05		604,38		51,37		989,989	
06/05/2013 14:30	9		0,0045	IC		6,16		266,43		0		21,31		521,69		47,74		989,317	
06/05/2013 15:30	9		0,0042			5,92		272,7		0		21,3		395,24		49,08		988,909	
06/05/2013 16:30	9		0,0038			5,45		276,75		0		21,1		234,45		51,1		988,436	
06/05/2013 17:30	17		0,0048			3,84		285,54		0		20,09		55,07		56,6		988,648	
06/05/2013 18:30	16		0,0059			3,37		297,57		0		17,76		1,78		67,82		988,615	
06/05/2013 19:30	12		0,0056			3,78		294,48		0		16,98		1,63		71,07		988,74	
06/05/2013 20:30	10		0,0041			3,78		297,07		0		16,23		2,18		73,83		988,568	
06/05/2013 21:30	6		0,0036			5,01		311,84		0		16,4		2,53		75,69		988,111	
06/05/2013 22:30	6		0,0031			4,25		311,29		0		16,15		2,44		77,64		987,571	
06/05/2013 23:30	16		0,003			4,43		305,34		0		15,34		2,08		82,44		987,664	
07/05/2013 00:30	4		0,0027			5,92		300,1	0,6			17,03		2,16		77,97		987,027	
07/05/2013 01:30	8		0,0026			8,27		258,55	1			17,08		2,13		84,25		987,851	
07/05/2013 02:30	11		0,0026			5,61		268		0		16,15		1,86		87,78		988,042	
07/05/2013 03:30	10		0,0024			5,83		245,86		0		15,97		1,84		88,64		988,266	
07/05/2013 04:30	17		0,0022			6,27		235,93		0		15,46		1,8		88,67		988,149	
07/05/2013 05:30	11		0,0024			6,1		226,08		0		14,73		1,69		89,68		988,823	
07/05/2013 06:30	17		0,0025			6,47		221,98		0		14,34		1,51		89,39		989,982	
07/05/2013 07:30	7		0,0033			7,49		199,16	2,8			12,62		16,94		87,85		990,946	
07/05/2013 08:30	7		0,0027			4,96		210,29		0		12,45		134,45		87,4		992,2	
07/05/2013 09:30	10		0,003			5,53		216,57		0		13,59		344,32		82,37		993,132	
07/05/2013 10:30	9		0,0027			6,26		210,5		0		14,84		504,58		73,89		993,65	
07/05/2013 11:30	17		0,0027			7		206,46		0		15,86		606,04		64,91		993,746	
07/05/2013 12:30	17		0,0024			7,09		205,24		0		16,52		670,37		58,4		993,347	
07/05/2013 13:30	14		0,0025			6,42		214,18		0		17,07		626,21		55,18		993,212	
07/05/2013 14:30	17		0,003			5,53		216,09		0		17,52		544,72		51,48		993,013	
07/05/2013 15:30	15		0,0028			5,26		205,93		0		17,79		409,21		47,26		992,862	
07/05/2013 16:30	17		0,0041			3,73		211,99		0		17,47		216,76		50,5		992,739	
07/05/2013 17:30	15		0,0082			2,45		220,59		0		16,32		55,92		56,11		992,942	
07/05/2013 18:30	18		0,0094			2,38		259,31		0		14,41		1,75		63,49		992,868	
07/05/2013 19:30	13		0,009			1,82		274,45		0		13,16		1,64		71,29		993,499	
07/05/2013 20:30	17		0,0124			0,67		8,9		0		12,16		1,73		78,8		993,921	
07/05/2013 21:30	23		0,0123			1,21		358,17		0		11,24		1,9		84,22		994,235	
07/05/2013 22:30	13		0,0098			1,6		356,73		0		10,25		2,07		87,66		994,294	
07/05/2013 23:30	11		0,0086			0,9		25,42		0		10,02		1,64		87,9		993,988	
08/05/2013 00:30	8		0,0088			0,95		8,65		0		9,63		1,64		89,58		993,75	
08/05/2013 01:30	16		0,0078			1,52		42,43		0		9,34		1,7		89,41		993,024	
08/05/2013 02:30	14		0,0079			1,19		30,38		0		9,06		1,6		90,63		992,741	
08/05/2013 03:30	13		0,0054			1,87		4,08		0		8,78		1,46		91,04		992,121	
08/05/2013 04:30	9		0,0047			1,92		2,69		0		8,62		1,42		90,57		991,573	
08/05/2013 05:30	9		0,0048			2,02		28,88		0		9,07		1,41		89,9		991,517	
08/05/2013 06:30	10		0,0075			1,78		7,89		0		9,22		1,78		89,49		991,419	
08/05/2013 07:30	12		0,0101			1,66		9,88		0		9,84		37,47		87,99		991,683	
08/05/2013 0																			

09/05/2013 04:30	10	0.0049	1.67	7.34	0	10.33	1.39	89.59	991.843
09/05/2013 05:30	12	0.0053	1.62	23.52	0	9.93	1.35	90.11	992.069
09/05/2013 06:30	12	0.0061	1.06	66.02	0	9.56	1.45	90.56	992.548
09/05/2013 07:30	15	0.0083	2.67	7.36	0	9.8	45.19	91.45	992.916
09/05/2013 08:30	13	0.0058	2.75	7.07	0	12.98	223.16	84.46	993.131
09/05/2013 09:30	12	0.0047	1.95	24.98	0	16.92	400.11	72.21	993.665
09/05/2013 10:30	16	0.0033	2.33	22.92	0	19.62	536.12	60.31	994.043
09/05/2013 11:30	17	0.0039	2.27	346.72	0	21.82	622.95	52.49	993.727
09/05/2013 12:30	13	0.0037	2.42	317.09	0	23.22	652.72	44.83	993.014
09/05/2013 13:30	14	0.0038	2.76	330.58	0	24.2	624.32	41.35	992.202
09/05/2013 14:30	13	0.0036	3.39	347.71	0	24.74	539.73	40.74	991.509
09/05/2013 15:30	11	0.0041	3.3	342.86	0	25.09	404.7	38.77	991.277
09/05/2013 16:30	22	0.0059	3.14	12.37	0	24.77	231.48	43.94	991.083
09/05/2013 17:30	25	0.0126	2.76	16.93	0	22.94	50.16	48.5	990.92
09/05/2013 18:30	34	0.0166	2.65	15.44	0	19.75	1.97	59.95	991.195
09/05/2013 19:30	26	0.0128	1.85	39.72	0	17.6	1.64	68.58	991.777
09/05/2013 20:30	13	0.0076	2.49	49.87	0	15.88	1.65	77.51	992.041
09/05/2013 21:30	20	0.0074	2.71	65.09	0	15.09	1.53	81.74	991.981
09/05/2013 22:30	14	0.009	2.13	71.51	0	14.64	1.41	84.77	992.035
09/05/2013 23:30	14	0.0065	2.3	73.58	0	14.06	1.36	88.15	991.866
10/05/2013 00:30	16	0.0171	2.4	75.88	0	13.63	1.48	87.77	991.374
10/05/2013 01:30	10	0.0112	0.71	105.45	0	13.14	1.47	89.49	991.295
10/05/2013 02:30	11	0.0071	0.72	78.4	0	12.59	1.47	89.56	991.19
10/05/2013 03:30	13	0.0071	0.74	33.55	0	12.13	1.49	91.43	990.945
10/05/2013 04:30	11	0.0075	1.52	17.83	0	12.16	1.47	89.18	990.721
10/05/2013 05:30	10	0.0072	3.38	32.6	0	12.91	1.44	82.81	990.803
10/05/2013 06:30	10	0.0057	4.25	58.46	0	12.8	1.49	84.75	991.018
10/05/2013 07:30	10	0.0042	3.41	63.01	0	12.36	43.7	89.29	991.161
10/05/2013 08:30	12	0.0042	1.4	109.24	0	15.42	224.57	80.06	991.289
10/05/2013 09:30	27	0.0063	5.05	5.17	0	19.31	398.47	62.29	991.758
10/05/2013 10:30	30	0.0048	8.34	359.86	0	21.28	504.61	52.07	991.971
10/05/2013 11:30	25	0.0056	7.43	355.53	0	22.98	576.63	47.84	991.856
10/05/2013 12:30	27	0.0053	5.68	359.39	0	24.45	573.18	45.51	991.089
10/05/2013 13:30	19	0.0046	6.21	350.02	0	25.64	584.63	42.1	989.884
10/05/2013 14:30	24	0.0048	5.25	347.39	0	26.21	478.24	40.52	989.184
10/05/2013 15:30	18	0.0049	5.31	350.83	0	26.5	395.19	41.37	988.835
10/05/2013 16:30	24	0.0069	3.97	10.17	0	25.99	224.22	45.76	988.534
10/05/2013 17:30	38	0.0155	2.7	13.87	0	23.9	46.17	54	988.473
10/05/2013 18:30	34	0.0102	2.64	40.45	0	21	1.84	64.9	988.943
10/05/2013 19:30	19	0.0046	3.88	29.96	0	19.52	1.63	70.97	989.413
10/05/2013 20:30	16	0.0038	3.62	49.93	0	18.33	1.66	74.38	989.508
10/05/2013 21:30	19	0.004	3.72	50.35	0	17.85	1.99	73.25	989.594
10/05/2013 22:30	17	0.004	3.78	44.17	0	17.65	1.9	74.37	989.71
10/05/2013 23:30	19	0.0051	3.06	75.72	0	16.34	1.68	79.95	989.405
11/05/2013 00:30	18	0.0064	1.83	54.11	0	16.28	1.46	76.26	988.993
11/05/2013 01:30	21	0.0046	2.57	50.6	0	17.08	1.45	68.07	988.587
11/05/2013 02:30	15	0.0034	5.57	20.71	0	17.66	1.56	67.9	987.799
11/05/2013 03:30	29	0.0036	6.4	8.54	0	18.01	1.53	66.44	987.327
11/05/2013 04:30	23	0.0041	4.62	17.85	0	17.51	1.54	69.2	987.3
11/05/2013 05:30	26	0.0057	4.11	330.22	0	17.05	1.56	72.93	987.668
11/05/2013 06:30	25	0.007	1.69	336.9	0	16.1	1.71	77.9	988.361
11/05/2013 07:30	37	0.0124	1.29	334.26	0	16.3	59.3	78.06	989.247
11/05/2013 08:30	34	0.0109	1	323.96	0	18.79	148.57	69.75	990.271
11/05/2013 09:30	31	0.007	1.64	330.32	0	20.2	247.16	65	990.783
11/05/2013 10:30	28	0.0054	2.77	356.12	0	21.97	379.12	57.58	990.779
11/05/2013 11:30	25	0.005	3.76	340.7	0	24.21	373.35	50.12	990.32
11/05/2013 12:30	38	0.004	5.33	316.78	0	25.63	391.13	43.75	989.98
11/05/2013 13:30	31	0.0045	4.81	288.74	0	25.78	297.67	44.46	989.594
11/05/2013 14:30	43	0.0043	3.62	205.08	0	24.62	234.3	53.83	989.66
11/05/2013 15:30	39	0.0052	2.54	199.99	0	23.53	157.49	60.07	989.415
11/05/2013 16:30	58	0.005	2.13	156.83	0	22.49	60.31	67.23	989.479
11/05/2013 17:30	44	0.0093	1.62	50.24	0	21.56	8.52	70.29	989.379
11/05/2013 18:30	63	0.0118	2.94	306.03	0	20.65	1.58	74.09	989.224
11/05/2013 19:30	27	0.0064	2.42	276.83	0	20.36	1.54	73.39	989.809
11/05/2013 20:30	28	0.0059	2.97	299.84	0	19.65	1.62	80.06	989.555
11/05/2013 21:30	28	0.006	3.26	353.94	1.6	18.83	1.55	86.17	989.55
11/05/2013 22:30	23	0.0046	4.04	29.02	0.6	18.51	1.52	87.58	988.479
11/05/2013 23:30	20	0.0043	3.25	228.74	0	18.89	1.45	87.38	988.957
12/05/2013 00:30	7	0.0045	2.02	53.4	0	18.66	1.43	88.09	988.685
12/05/2013 01:30	17	0.0045	2.28	155.64	0.2	18.12	1.42	90.72	988.416
12/05/2013 02:30	27	0.0068	2.28	198.32	0	17.94	1.43	91.3	988.567
12/05/2013 03:30	25	0.0094	2.6	149.23	0	17.59	1.38	91.97	987.736
12/05/2013 04:30	28	0.0125	1.37	193.23	0	17.4	1.39	92.31	988.161
12/05/2013 05:30	25	0.0076	1.31	18.95	0	17.09	1.4	92.48	988.261
12/05/2013 06:30	26	0.0065	2.21	64.88	0	16.85	1.4	93	988.49
12/05/2013 07:30	18	0.0081	1.27	114.56	0	17.09	7.01	92.6	989.207
12/05/2013 08:30	19	0.0044	1.87	72	0	17.74	44.78	90.71	989.805
12/05/2013 09:30	21	0.0077	1.87	18.26	0	18.27	73.78	89.47	990.008
12/05/2013 10:30	21	0.0045	2.8	13.95	0	19.02	83.05	87.02	990.075
12/05/2013 11:30	24	0.0035	4.1	356.28	0	19.82	172.29	84.48	989.856
12/05/2013 12:30	19	0.0027	2.82	328.74	0.2	21.69	270.91	78.75	989.175
12/05/2013 13:30	13	0.0026	2.97	284.11	0	22.22	206.49	76.81	988.665
12/05/2013 14:30	13	0.0026	3.53	278.04	0	22.22	197.42	76.86	988.283
12/05/2013 15:30	14	0.0034	3.38	258.47	0	22.45	155.89	76.5	988.22
12/05/2013 16:30	17	0.0031	3.43	259.65	0	22	71.23	78.91	988.499
12/05/2013 17:30	20	0.0052	2.07	230.54	0	21.23	14.12	82.85	988.646
12/05/2013 18:30	17	0.0066	1.57	184.03	0	20.38	1.75	86.61	988.856
12/05/2013 19:30	22	0.0106	0.73	338.58	0	20.11	1.66	88.2	989.344
12/05/2013 20:30	25	0.0137	0.47	329.41	0	19.99	1.67	88.69	989.556
12/05/2013 21:30	17	0.0092	0.7	121.57	0	19.53	1.66	90.14	988.663
12/05/2013 22:30	20	0.0091	1.04	183.44	0	19.22	1.65	91.44	989.725
12/05/2013 23:30	16	0.007	1.36	95.12	0	18.39	1.61	92.6	989.31
13/05/2013 00:30	3	0.0069	1.61	355.71	0	17.84	1.59	93.46	989.425
13/05/2013 01:30	16	0.0065	1.11	123.81	0	17.57	1.55	93.89	989.626
13/05/2013 02:30	18	0.0045	1.67	80.63	0	17.9	1.56	94.09	989.184
13/05/2013 03:30	11	0.0044	2.17	70.86	0	17.54	1.63	94.2	988.558
13/05/2013 04:30	9	0.0039	1.73	43.58	0	17.39	1.55	94.3	988.453
13/05/2013 05:30	9	0.0028	2.76	29.08	0	17.61	1.49	94.39	988.66
13/05/2013 06:30	10	0.0032	1.86	36.83	0	17.66	1.52	94.45	989.105
13/05/2013 07:30	10	0.0056	2.05	37.46	0	17.69	19.49	94.5	989.492
13/05/2013 08:30	13	0.0038	1.56	34.19	0	17.9	80.58	94.5	990.021
13/05/2013 09:30	14	0.0039	0.89	69.97	0	18.55	252.84	94.33	990.255
13/05/2013 10:30	17	0.0029	1.68	102.35	0	19.9	406.97	89.12	990.169
13/05/2013 11:30	19	0.0036	2.71	29.03	0	21.82	385.44	74.41	989.564

13/05/2013 12:30	8		0.0027		2.48	70.9	0		22.73	426.78	72.14	988.746
13/05/2013 13:30	17		0.0029		4.26	47.96	0		23.79	546.69	63.88	987.895
13/05/2013 14:30	18		0.0025		4.68	42.74	0		24.44	456.97	57.18	987.057
13/05/2013 15:30	16		0.0024		5.01	46.83	0		24.62	359.77	55.6	986.53
13/05/2013 16:30	22		0.0034		2.98	40.67	0		23.98	118.99	60.66	986.227
13/05/2013 17:30	19		0.0041		2.4	53.48	0		23.05	23.01	67.91	986.587
13/05/2013 18:30	18		0.0036		3.04	87.02	0		21.76	1.76	77.9	986.982
13/05/2013 19:30	27		0.0042		3.45	104.75	0		20.93	1.7	83.32	987.26
13/05/2013 20:30	24		0.0035		4.01	95.02	0		20.54	1.65	84.29	987.345
13/05/2013 21:30	21		0.0041		4.05	72.04	0		20.03	1.75	86.09	987.197
13/05/2013 22:30	20		0.003		4.12	64.53	0		19.73	1.74	85.59	987.058
13/05/2013 23:30	9		0.0028		3.43	53.02	0		19.39	1.72	85.45	986.293
14/05/2013 00:30	10		0.0027		3.04	52.54	0		19.08	1.74	85.93	985.681
14/05/2013 01:30	17		0.0026		3.19	37.11	0		19.07	1.71	87.39	985.296
14/05/2013 02:30	18		0.0032		2.85	21.86	0		19.13	1.69	88.14	985.07
14/05/2013 03:30	19		0.0042		2.12	342.69	0		18.96	1.69	89.66	984.739
14/05/2013 04:30	17		0.0033		2.99	335.75	0		18.85	1.68	90.87	984.614
14/05/2013 05:30	24		0.0035		3.23	290.17	0		19.06	1.66	90.97	984.816
14/05/2013 06:30	28		0.0037		3.56	289.93	0.2		19.05	1.67	91.16	985.323
14/05/2013 07:30	28		0.0047		2.9	294.42	0		18.92	1.7	92.21	985.807
14/05/2013 08:30	27		0.0051		2.88	288.4	0		19.26	39.26	92.33	986.352
14/05/2013 09:30	28		0.0049		3.58	270.26	0		19.63	59.09	91.71	986.766
14/05/2013 10:30	985	?S	0.0049		2.42	197.93	0		18.95	61.8	92.69	986.99
14/05/2013 11:30	20		0.0042		3.41	236.72	0		19.55	214.08	92.31	986.911
14/05/2013 12:30	20		0.0038		4.07	260.89	0		20.57	363.02	87.7	986.496
14/05/2013 13:30	11		0.0034		4.48	267.6	0		21.49	351.2	81.55	986.028
14/05/2013 14:30	21		0.004		4.4	244.4	0		22.29	401.19	76.84	985.667
14/05/2013 15:30	14		0.0041		3.46	234.83	0		22.69	323.22	72.67	985.598
14/05/2013 16:30	18		0.0049		2.44	233.02	0		22.83	193.82	70.88	985.451
14/05/2013 17:30	11		0.0126		1.28	302.24	0		21.98	35.86	74.45	985.567
14/05/2013 18:30	25		0.0179		0.97	0.2	0		20.3	1.91	81.93	985.796
14/05/2013 19:30	19		0.015		1.4	72.58	0		18.65	1.8	88.62	986.168
14/05/2013 20:30	18		0.0149		0.99	24.91	0		17.64	1.76	91.56	986.558
14/05/2013 21:30	18		0.0132		1.23	64.29	0		16.87	1.75	92.77	986.61
14/05/2013 22:30	15		0.0111		1.08	45.83	0		16.37	1.75	93.56	986.317
14/05/2013 23:30	15		0.0099		1.55	58.53	0		15.98	1.84	93.88	986.016
15/05/2013 00:30	12		0.0088		1.75	38.54	0		16.33	1.97	94.07	985.347
15/05/2013 01:30	11		0.0087		1.81	25.17	0		16.1	1.94	94.07	984.751
15/05/2013 02:30	13		0.0058		2.06	75.4	0		16.46	1.87	94.1	984.096
15/05/2013 03:30	18		0.0039		1.53	18.37	0		16.78	1.88	94.13	983.662
15/05/2013 04:30	19		0.0035		2.4	346.9	0		18.17	1.84	94.19	983.662
15/05/2013 05:30	16		0.0035		4.65	358.89	0.6		18.57	1.85	94.27	983.194
15/05/2013 06:30	11		0.0038		4.08	351.54	0		18.47	1.76	94.39	983.372
15/05/2013 07:30	17		0.005		2.18	325.66	0		18.71	7.81	94.46	983.594
15/05/2013 08:30	21		0.0038		4.6	313.86	0		19.29	54.43	94.31	984.127
15/05/2013 09:30	17		0.0033		5.18	295.32	0		19.72	131.4	92.74	984.142
15/05/2013 10:30	14		0.0035		4.99	277.09	0.4		19.98	75.93	90.68	984.3
15/05/2013 11:30	12		0.003		9.41	194.64	1.2		16.96	116.34	91.04	985.311
15/05/2013 12:30	7		0.0027		9.43	179.01	0		14.52	68.33	89.55	986.517
15/05/2013 13:30	8		0.0033		7.18	181.44	0		14.73	77	86.2	986.87
15/05/2013 14:30	9		0.0031		5.58	177.16	0		14.98	102.48	84.74	986.61
15/05/2013 15:30	8		0.0029		4.15	170.74	0		15.52	131.96	80.07	986.364
15/05/2013 16:30	10		0.0056		2.16	186.07	0		15.71	86.71	76.66	985.755
15/05/2013 17:30	11		0.0063		2.76	213.82	0		15.46	31.14	79.14	986.618
15/05/2013 18:30	10		0.0048		5.14	207.93	0		14.85	1.8	79.02	987.453
15/05/2013 19:30	11		0.003		5.4	201.32	0		14.01	1.64	76.77	988.231
15/05/2013 20:30	13		0.0026		5.39	207.13	0		13.58	1.85	74.92	989.133
15/05/2013 21:30	11		0.0027		5.27	209.61	0		12.55	1.63	74.04	990.097
15/05/2013 22:30	9		0.0025		5.43	206.85	0		11.41	1.64	77.55	991.145
15/05/2013 23:30	8		0.0028		4.67	206.22	0		10.51	1.52	76.12	992.311
16/05/2013 00:30	5		0.0028		3.43	208.91	0		9.49	1.5	78.38	992.927
16/05/2013 01:30	5		0.0034		2.61	231.16	0		8.73	1.52	75.71	993.335
16/05/2013 02:30	9		0.003		3	247.15	0		8.06	1.52	77.99	993.345
16/05/2013 03:30	10		0.0031		2.85	249.87	0		7.67	1.35	78.24	993.666
16/05/2013 04:30	10		0.0032		2.6	283.79	0		7.2	1.32	79.11	993.535
16/05/2013 05:30	8		0.0032		2.6	307.96	0		6.91	1.32	80.87	993.66
16/05/2013 06:30	8		0.0035		3.4	295.05	0		6.51	1.24	83.44	993.988
16/05/2013 07:30	11		0.0039		4.08	294.77	0		6.56	34.77	84.17	994.716
16/05/2013 08:30	14		0.0035		3.73	283.45	0		8.24	206.29	78.52	995.52
16/05/2013 09:30	22		0.0033		5.76	244.98	0		10.51	377.14	65.07	995.984
16/05/2013 10:30	36		0.0034		5.85	220.27	0		11.59	512	62.35	996.609
16/05/2013 11:30	22		0.0035		5.82	217.1	0		12.92	597.37	58.61	996.832
16/05/2013 12:30	18		0.0031		5.42	219.59	0		14.03	623.66	56.35	996.643
16/05/2013 13:30	9		0.0028		5.43	215.73	0		14.94	596.85	53.9	996.286
16/05/2013 14:30	9		0.003		5.42	206.54	0		15.49	515.36	51.15	996.072
16/05/2013 15:30	16		0.0027		4.76	199.4	0		15.54	383.49	51.1	996.185
16/05/2013 16:30	13		0.0028		3.58	194.58	0		15.35	216.05	51.82	996.252
16/05/2013 17:30	12		0.008		2.84	191.85	0		13.95	39.09	58.81	996.537
16/05/2013 18:30	15		0.0089		2.47	210.16	0		12.72	1.57	64.84	996.822
16/05/2013 19:30	15		0.0131		1.46	221.5	0		11.11	1.56	74.74	997.288
16/05/2013 20:30	25		0.0118		1.15	43.55	0		10.13	1.55	81.31	997.652
16/05/2013 21:30	25		0.0145		0.97	76.76	0		9.05	1.7	87.7	997.767
16/05/2013 22:30	24		0.013		1.75	8.61	0		8.54	1.77	89.12	998.057
16/05/2013 23:30	20		0.0122		0.81	21.29	0		7.99	2.06	88.88	998.525
17/05/2013 00:30	14		0.0124		0.67	327.38	0		7.51	1.56	91.37	998.719
17/05/2013 01:30	16		0.0128		0.52	11.41	0		7.3	1.89	91.98	998.944
17/05/2013 02:30	8		0.0099		0.94	32.67	0		6.94	1.89	92.61	999.155
17/05/2013 03:30	9		0.0094		0.64	54.4	0		6.5	1.56	93.24	999.031
17/05/2013 04:30	6		0.0085		0.62	46.91	0		6.51	1.4	93.8	998.842
17/05/2013 05:30	4		0.0086		0.67	99.8	0		6.29	1.53	94.18	998.879
17/05/2013 06:30	6		0.0084		1.01	359.04	0		5.65	1.51	94.5	999.104
17/05/2013 07:30	7		0.0075		0.81	57.63	0		5.31	33.87	94.8	999.69
17/05/2013 08:30	10		0.006		0.88	85.81	0		7.2	196.74	94.28	999.868
17/05/2013 09:30	9		0.0071		0.78	35.35	0		11.17	362.59	87.61	1000.434
17/05/2013 10:30	11		0.0053		1.35	58.85	0		14.54	503.82	64.93	1000.81
17/05/2013 11:30	45		0.0079		1.62	117.9	0		15.38	586.99	56.37	1000.452
17/05/2013 12:30	35		0.0067		2.17	108.86	0		16.39	615.79	50.89	999.613
17/05/2013 13:30	21		0.0043		2.16	72.83	0		17.4	584.41	43.18	998.497
17/05/2013 14:30	17		0.0032		2.18	77.68	0		17.83	507.88	39.76	997.628
17/05/2013 15:30	24		0.0033		1.95	75.22	0		18.24	369.38	37.72	997.52
17/05/2013 16:30	15		0.0028		1.72	70	0		18.25	214.45	38.8	997.546
17/												

17/05/2013 20:30	16		0.0096				2,79	81,56	0		11,87		1,56		76,44		998,492
17/05/2013 21:30	14		0.0049				2,25	86	0		11,36		1,5		78,94		998,947
17/05/2013 22:30	16		0.0041				2,2	90,78	0		10,57		1,5		81,93		999,162
17/05/2013 23:30	11		0.004				1,6	95,92	0		10,01		1,41		85,22		999,022
18/05/2013 00:30	9		0.0031				2,37	77,73	0		9,8		1,33		86,86		998,541
18/05/2013 01:30	10		0.0031				2,59	77,75	0		9,64		1,28		87,99		998,338
18/05/2013 02:30	14		0.0031				2,09	83,63	0		9,75		1,24		88,04		998,547
18/05/2013 03:30	16		0.0028				2,54	79,25	0		9,8		1,22		85,74		998,414
18/05/2013 04:30	10		0.0031				2,23	80,02	0		9,44		1,21		87,66		998,34
18/05/2013 05:30	11		0.003				1,81	82,81	0		9,43		1,17		87,86		998,008
18/05/2013 06:30	10		0.0031				2,06	104,12	0		9,45		1,16		88,3		998,072
18/05/2013 07:30	15		0.0029				2,7	92,54	0		10,17		13,54		89,5		997,984
18/05/2013 08:30	11		0.0036				1,81	63,81	0		11,37		58,57		89,04		998,278
18/05/2013 09:30	19		0.0031				3,65	55,14	0		13,26		126,17		82,86		998,701
18/05/2013 10:30	14		0.003				3,84	65,6	0		14,14		138,9		79,38		999,169
18/05/2013 11:30	11		0.0027				4,72	69,65	0		14,55		116,02		77,89		998,708
18/05/2013 12:30	8		0.0025				5,1	61,84	0		15,04		146,33		77,21		997,639
18/05/2013 13:30	11		0.0026				4,09	58,59	0		15,41		130,63		77,38		996,595
18/05/2013 14:30	11		0.0024				4,56	77,44	0		16,17		217,53		75,6		995,851
18/05/2013 15:30	9		0.0024				4,71	84,7	0		16,45		180,56		74,9		995,412
18/05/2013 16:30	10		0.0025				4,7	66,13	0		16,75		102,64		73,17		995,274
18/05/2013 17:30	12		0.0027				3,07	60,86	0		16,06		11,34		76,51		995,565
18/05/2013 18:30	13		0.0026				3,98	77,91	0		15,14		1,38		82,84		995,359
18/05/2013 19:30	11		0.0024				4,71	86,49	0		14,98		1,34		83,81		995,361
18/05/2013 20:30	10		0.0025				3,88	94,32	0		14,94		1,35		84,66		995,674
18/05/2013 21:30	12		0.0051				1,97	117,75	0		14,81		1,35		85,88		996,231
18/05/2013 22:30	11		0.0033				2,21	118,2	0		14,7		1,38		87,24		996,096
18/05/2013 23:30	11		0.0043				2,46	107,41	0,2		14,68		1,37		88,38		996,076
19/05/2013 00:30	9		0.0028				3,47	76,19	0,2		14,72		1,37		90,15		995,461
19/05/2013 01:30	8		0.0027				3,34	82,04	0,2		14,79		1,36		90,85		994,938
19/05/2013 02:30	18		0.0025				2,66	88,8	0		15,11		1,36		90,48		994,618
19/05/2013 03:30	14		0.0026				3,17	46,97	0		15,3		1,36		89,86		994,289
19/05/2013 04:30	14		0.0027				1,23	87,13	0		15,31		1,36		89,87		994,619
19/05/2013 05:30	14		0.0042				3,09	105,36	0		15,21		1,37		91,1		994,422
19/05/2013 06:30	20		0.0119				2,35	91,56	0		15,37		1,38		91,39		994,546
19/05/2013 07:30	13		0.0047				2,02	34,91	0		15,42		8,87		91,62		994,842
19/05/2013 08:30	14		0.0032				3,76	61,13	0		15,94		54,99		91,46		994,721
19/05/2013 09:30	14		0.0029				4,76	64,57	0		16,47		72,91		90,59		994,6
19/05/2013 10:30	8		0.0027				4,72	56,59	0		17,27		199,87		88,61		994,265
19/05/2013 11:30	5		0.0024				4,27	53,21	0		18,33		160,37		83,59		994,096
19/05/2013 12:30	10		0.0023				2,89	70,1	0,8		18,06		76,58		85,62		994,143
19/05/2013 13:30	13		0.0024				3,7	53,87	0,2		17,65		109,34		89,48		993,045
19/05/2013 14:30	13		0.0026				3,53	65,83	0,8		17,66		76,67		89,55		992,083
19/05/2013 15:30	13		0.0025				3,71	58,88	0,4		17,59		78,21		90,78		991,909
19/05/2013 16:30	12		0.0024				3,16	75,81	0,6		17,15		20,13		91,77		991,24
19/05/2013 17:30	9		0.0031				3,26	80,86	4,6		16,77		5,58		92,64		991,765
19/05/2013 18:30	6		0.0035				2,12	57,51	0,4		16,51		3,06		93,61		991,452
19/05/2013 19:30	7		0.0026				3,53	89,09	1,4		16,23		2,97		93,8		991,24
19/05/2013 20:30	8		0.005				2,57	81,96	0,2		15,94		2,97		93,71		991,882
19/05/2013 21:30	9		0.0038				1,85	148,5	1,4		15,89		2,92		93,78		992,113
19/05/2013 22:30	7		0.0034				2,07	146,35	1		15,82		2,89		94,02		992,246
19/05/2013 23:30	9		0.0029				1,74	101,93	0,6		15,83		2,95		94,25		992,052
20/05/2013 00:30	8		0.0027				1,97	103,55	0,2		15,81		2,97		94,4		991,64
20/05/2013 01:30	4		0.0035				2,11	131,89	0,4		15,76		2,92		94,5		991,483
20/05/2013 02:30	7		0.0047				1,62	127,97	0		15,75		2,98		94,6		991,235
20/05/2013 03:30	8		0.0034				2,01	110,97	0,6		15,89		2,89		94,64		990,607
20/05/2013 04:30	16		0.0027				3,32	77,36	0,2		15,76		3,01		94,7		990,2
20/05/2013 05:30	8		0.003				2,39	102,87	0,2		15,78		2,92		94,72		989,932
20/05/2013 06:30	6		0.0023				1,06	115,77	0,8		15,76		2,96		94,71		990,231
20/05/2013 07:30	7		0.0024				1,28	108,61	0,2		15,8		7,43		94,7		990,529
20/05/2013 08:30	9		0.0047				0,65	169,24	0,8		15,99		37,6		94,69		990,89
20/05/2013 09:30	8		0.0041				1,16	66,88	0,2		16,29		84,44		94,66		991,058
20/05/2013 10:30	7		0.0047				0,95	5,6	0,2		16,69		113,83		94,57		991,223
20/05/2013 11:30	6		0.0046				2,11	287,8	0		16,85		92,66		94,24		991,21
20/05/2013 12:30	5		0.004				2,92	259,73	0		16,97		145,73		93,35		990,703
20/05/2013 13:30	9		0.0038				4,03	237,53	0		16,97		140,54		92,13		990,02
20/05/2013 14:30	11		0.0036				3,64	216,89	0		16,93		156		92,29		989,466
20/05/2013 15:30	10		0.0039				3,55	201,93	0,4		16,8		88,49		91,84		989,401
20/05/2013 16:30	7		0.0039				3,54	207,31	0,4		16,59		38,95		93		989,477
20/05/2013 17:30	3		0.0042				3,6	213,6	0,2		16,17		11,59		93,78		989,84
20/05/2013 18:30	7		0.0033				3,49	207,12	0		15,91		3,05		94,01		990,264
20/05/2013 19:30	9		0.0042				2,18	229,59	0		15,77		3,04		93,98		990,74
20/05/2013 20:30	10		0.0035				3,27	236,66	0,2		15,48		3		94		990,839
20/05/2013 21:30	10		0.0027				3,54	239,89	0		15,24		3,03		93,78		991,042
20/05/2013 22:30	11		0.0027				3,16	252,52	0		15,06		3,03		93,04		990,947
20/05/2013 23:30	12		0.0032				3,15	244,18	0		14,86		3,04		92,53		990,665
21/05/2013 00:30	13		0.0034				3,05	228,79	0		14,46		2,95		92,46		990,395
21/05/2013 01:30	12		0.0032				2,08	236	0		13,46		2,38		92,16		990,264
21/05/2013 02:30	9		0.0026				2,47	275,54	0		12,64		2,26		92,95		989,969
21/05/2013 03:30	9		0.0029				1,83	267,31	0		12,46		2,36		93,8		989,783
21/05/2013 04:30	16		0.0028				1,9	262,13	0		12,96		2,37		94,18		989,486
21/05/2013 05:30	16		0.0023				2,45	237,6	0		12,85		2,33		94,12		989,686
21/05/2013 06:30	6		0.0034				2,95	232,58	0		12,52		2,31		93,48		990,162
21/05/2013 07:30	8		0.0052				2,48	218,47	0		12,17		9,3		92,98		990,361
21/05/2013 08:30	11		0.0044				2,53	218,59	0		12,18		53,19		91,86		990,837
21/05/2013 09:30	12		0.0037				3,02	223,68	0		12,46		123,76		90,37		991,431
21/05/2013 10:30	15		0.0035				3,55	224,26	0		13,13		211,34		84,22		991,591
21/05/2013 11:30	13		0.0039														



26/05/2013 12:30	13		0.0024			5,29	0,49	0	16,56	553,84	80,38	991,468				
26/05/2013 13:30	13		0.0027			4,49	10,52	0	17,16	451,12	80,06	990,486				
26/05/2013 14:30	20		0.0024			3,76	8,03	0	18,55	439,79	75,47	989,532				
26/05/2013 15:30	23		0.003			3,93	0,18	0	18,89	199,06	74,82	988,888				
26/05/2013 16:30	19		0.0037			2,74	6,33	0	18,72	136,34	76,18	988,824				
26/05/2013 17:30	22		0.0077			1,85	16,2	0	17,8	23,04	80,48	988,8				
26/05/2013 18:30	17		0.0045			2,32	54,88	0	16,05	1,82	88,1	988,7				
26/05/2013 19:30	16		0.0054			1,26	116,01	0	15,1	1,74	90,58	988,889				
26/05/2013 20:30	15		0.0062			1,2	149,86	0	14,49	2,13	92,31	989,165				
26/05/2013 21:30	20		0.0089			0,97	41,25	0	13,44	1,85	93,07	989,216				
26/05/2013 22:30	15		0.0102			0,77	59,29	0	13,22	1,7	93,68	989,288				
26/05/2013 23:30	17		0.0098			0,83	45,99	0	13,27	1,66	93,93	989,269				
27/05/2013 00:30	10		0.0095			0,7	133,78	0	13,36	1,74	94,12	989,137				
27/05/2013 01:30	10		0.0075			1,78	51,59	0	13,31	1,77	94,25	988,655				
27/05/2013 02:30	10		0.0094			1,43	91,75	0	13,61	1,77	94,39	988,117				
27/05/2013 03:30	15		0.0051			1,77	58,04	0	13,96	1,75	94,45	987,331				
27/05/2013 04:30	10		0.004			1,37	55,88	0	13,27	1,78	94,47	986,912				
27/05/2013 05:30	8		0.006			0,86	209,15	0	12,53	1,8	94,54	986,728				
27/05/2013 06:30	7		0.0059			1,36	70,94	0,2	12,61	1,74	94,64	986,687				
27/05/2013 07:30	17		0.0072			0,85	27,67	0	13,11	7,4	94,71	986,772				
27/05/2013 08:30	13		0.0093			0,73	26,08	0	13,95	56,97	94,73	987,274				
27/05/2013 09:30	17		0.0078			0,63	354,86	0	15,44	187,22	94,66	987,577				
27/05/2013 10:30	24		0.0056			1,85	3,76	0	16,99	254,55	91,63	987,594				
27/05/2013 11:30	13		0.004			3,04	4,31	0	19,29	366,8	75,49	987,265				
27/05/2013 12:30	13		0.0033			2,52	19,36	0	20,25	350,98	71,78	986,59				
27/05/2013 13:30	17		0.0029			2,99	26,24	0	21,69	439,49	64,72	985,551				
27/05/2013 14:30	20		0.0033			3,56	17,5	0	22,31	413,9	62,15	984,61				
27/05/2013 15:30	25		0.0061			4,3	3,39	0	22,04	154,36	62,94	983,947				
27/05/2013 16:30	20		0.0079			3,22	6,84	0	21,42	74,54	65,1	983,86				
27/05/2013 17:30	34		0.0114			2,1	27,51	0	20,19	15,43	71,43	983,796				
27/05/2013 18:30	23		0.0056			1,43	60,39	0	18,47	1,65	78,37	983,836				
27/05/2013 19:30	28		0.0058			2,5	46,78	0	17,47	1,64	81,65	983,553				
27/05/2013 20:30	19		0.0094			1,73	56,17	0	16,53	1,86	84,13	983,609				
27/05/2013 21:30	13		0.0043			2,31	56,74	0	16,55	1,93	84,39	983,138				
27/05/2013 22:30	15		0.0039			2,48	56,17	0	16,76	1,85	85,62	982,822				
27/05/2013 23:30	15		0.0031			2,7	35,43	0	16,97	1,83	86,57	982,692				
28/05/2013 00:30	15		0.0028			2,87	42,36	0	16,81	1,82	86,69	982,407				
28/05/2013 01:30	18		0.0031			3,16	51,14	0	16,58	1,83	86,8	982,236				
28/05/2013 02:30	14		0.0033			3,67	55,17	0	16,31	1,9	85,87	981,631				
28/05/2013 03:30	13		0.0029			3,13	68,95	0	15,38	1,75	88,77	981,001				
28/05/2013 04:30	13		0.0031			2,93	48,1	0	15,57	1,81	87,71	980,192				
28/05/2013 05:30	16		0.0032			3,95	33,75	0	16,67	1,66	77,27	980,474				
28/05/2013 06:30	11		0.0028			3,76	43,03	0	16,09	1,69	78,26	980,564				
28/05/2013 07:30	11		0.0029			4,5	46,54	0	16,11	18,42	77,68	980,722				
28/05/2013 08:30	985	?S	0.0032			3,79	37,32	0	17,44	160,44	73,64	980,854				
28/05/2013 09:30			0.0004	?S												
28/05/2013 10:30																
28/05/2013 11:30																
28/05/2013 12:30																
28/05/2013 13:30	985		0.0033	?S		4,75	37,32	?S	0	?S	19,15	?S	77,73	?S	976,112	?S
28/05/2013 14:30	9		0.0042			6,12	20,42	0	20,42	330,61	73,68	975,265				
28/05/2013 15:30	15		0.0042			5,88	0,57	0	20,93	332,32	73,78	974,183				
28/05/2013 16:30	25		0.0041			10,06	2,23	0	21,03	155,91	76,57	973,392				
28/05/2013 17:30	18		0.0045			8,28	3,67	0	20,08	14,39	80,91	973,417				
28/05/2013 18:30	10		0.0041			7,03	2,09	0	20,03	1,7	82,69	974,207				
28/05/2013 19:30	7		0.0034			8,49	352,67	0	19,84	1,68	84,95	974,675				
28/05/2013 20:30	7		0.0033			7,77	348,99	0	19,65	1,67	86,07	975,29				
28/05/2013 21:30	17		0.0032			8,6	354,65	0	19,58	1,66	87,04	975,905				
28/05/2013 22:30	17		0.0035			6,6	359,17	0	19,49	1,71	88,17	975,987				
28/05/2013 23:30	15		0.0041			5,84	13,63	0,2	19,26	1,65	89,7	975,085				
29/05/2013 00:30	6		0.0034			7,39	359,64	0	19,22	1,63	87,56	974,16				
29/05/2013 01:30	15		0.004			1,75	0,18	0	18,3	1,91	90,24	974,887				
29/05/2013 02:30	15		0.0033			2,52	47,18	0	17,78	2,11	91,43	975,541				
29/05/2013 03:30	16		0.0028			3,64	1,61	12,2	17,59	2,07	92,71	975,871				
29/05/2013 04:30	7		0.0031			2,68	330,79	4	17,21	2,3	93,56	974,818				
29/05/2013 05:30	8		0.0035			3,02	116,36	1,2	17,13	2,08	93,93	974,939				
29/05/2013 06:30	11		0.0044			3,99	218	8,8	16,95	2,31	94,02	974,402				
29/05/2013 07:30	19		0.0059			2,62	60,04	1,4	16,5	3,44	93,78	976,356				
29/05/2013 08:30	15		0.0082			3,46	52,98	1,6	16,54	3,41	94,01	975,664				
29/05/2013 09:30	985	?S	0.0058			5,18	49,7	2	16,45	17,86	93,92	975,219				
29/05/2013 10:30	985	?S	0.0042			5,11	288,93	4,6	16,57	15,01	92,66	978,232				
29/05/2013 11:30	8		0.0027			8,71	269,6	9,2	15,6	13,16	91,19	978,542				
29/05/2013 12:30	39		0.0075			2,92	180,09	0	16,54	247,93	87,99	975,257				
29/05/2013 13:30	13		0.0065			3,5	95,65	0,2	18,17	338,64	80,77	975,103				
29/05/2013 14:30	26		0.0063			4,52	245,15	0	18,5	272,14	79,75	975,669				
29/05/2013 15:30	13		0.0042			5,78	234,26	0,2	17,56	121,42	83,8	976,336				
29/05/2013 16:30	12		0.0033			9,62	230,89	0,6	15,57	58	89,82	977,35				
29/05/2013 17:30	12		0.003			9,89	212,16	0,2	13,45	6,75	86,37	979,374				
29/05/2013 18:30	7		0.0032			7,27	195,66	0	13,26	1,45	81,7	979,931				
29/05/2013 19:30	6		0.0038			4,11	237,62	0	12,51	1,61	84,64	981,034				
29/05/2013 20:30	7		0.0027			4,76	272,55	0	12,13	1,57	86,73	982,132				
29/05/2013 21:30	8		0.0026			4,19	285,52	0	12,2	1,52	86,72	982,461				
29/05/2013 22:30	8		0.003			4,43	299,82	0	11,48	1,5	89,26	982,454				
29/05/2013 23:30	9		0.0035			5,43	298,81	0	11,3	1,68	89,49	982,465				
30/05/2013 00:30	9		0.003			6,94	268,62	0,2	12,72	1,63	85,09	982,867				
30/05/2013 01:30	4		0.0027			5,57	288,27	0	12,62	1,62	85,93	982,491				
30/05/2013 02:30	6		0.0027			5,87	289,26	0	12,87	1,59	84,38	982,355				
30/05/2013 03:30	16		0.0026			7,57	276,59	0	13,22	1,54	80,79	982,5				
30/05/2013 04:30	22		0.0024			7,91	272,51	0	13,13	1,52	80,31	982,927				
30/05/2013 05:30	28		0.0023			7,88	258,32	0	12,94	1,51	80,82	983,756				
30/05/2013 06:30	26		0.0028			7,43	253,24	0	12,55	1,5	81,46	984,772				
30/05/2013 07:30	24		0.003			7,41	253,5	0	12,06	18,48	83,29	985,5				
30/05/2013 08:30	20		0.0031			5,91	252,49	0	12,36	163,12	83,7	986,062				
30/05/2013 09:30	18		0.003			6,15	256,04	0	13,24	324,21	81,47	986,786				
30/05/2013 10:30	16		0.003			4,98	261,52	0	14,49	451,08	74,62	987,696				
30/05/2013 11:30	16		0.003			6,1	276,85	0	15,32	528,15	70,85	988,319				
30/05/2013 12:30	18		0.0026			6,94	278,94	0	15,8	567,19	67,68	988,406				
30/05/2013 13:30	11		0.0026			7,36	279,72	0	16,51	549,88	60,37	988,064				
30/05/2013 14:30	11		0.0025			7,14	272,38	0	17,03	471,9	56,65	987,639				
30/05/2013 15:30	11		0.0029			6,5	279,92	0	17,12	345,69	54,88	987,403				
30/05/2013 16:30	11		0.003			5,74	279,44	0	16,98	185,43	54,61	987,334				
30/05/2013 17:30	18		0.0037			5,64	271,32	0	15,62	26,97	62,61	987,818				
30/05/2013 18:																

30/05/2013 20:30	11	0,0034			3,57	314,21	0	11,75	1,69	81,5	988,605
30/05/2013 21:30	12	0,0043			2,93	327,82	0	11,47	1,6	82,9	988,599
30/05/2013 22:30	11	0,003			3,28	324,22	0	11,66	1,51	82,2	988,825
30/05/2013 23:30	10	0,0028			3,98	304,35	0	11,53	1,46	80,25	989,036
31/05/2013 00:30	6	0,003			3,71	321,02	0	12,15	1,42	78,08	988,941
31/05/2013 01:30	7	0,0033			2,13	337,59	0	11,6	1,4	80,29	989,078
31/05/2013 02:30	7	0,0043			2,19	10,6	0	11,77	1,42	80	989,108
31/05/2013 03:30	5	0,003			3,2	358,29	0	12,07	1,39	78,35	988,86
31/05/2013 04:30	6	0,003			3,02	16,63	0	11,66	1,4	80,28	988,595
31/05/2013 05:30	6	0,0031			2,51	342,99	0	11,64	1,38	80,9	988,421
31/05/2013 06:30	7	0,0038			1,71	25,72	0	11,08	1,38	83,53	988,564
31/05/2013 07:30	9	0,0053			1,3	22,19	0	11,13	15,01	84,69	988,59
31/05/2013 08:30	11	0,0059			2,1	3,9	0	12,48	118,41	80,84	988,875
31/05/2013 09:30	11	0,004			2,98	5,29	0	14,18	276,23	75,17	989,302
31/05/2013 10:30	12	0,0038			4,68	4,68	0	15,72	353,51	68,17	989,552
31/05/2013 11:30	12	0,0037			3,62	16,13	0	16,81	386,13	65,47	989,082
31/05/2013 12:30	11	0,0031			3,76	7,11	0	18,42	466,66	57,71	988,143
31/05/2013 13:30	11	0,0031			4,3	13,7	0	19,15	440,49	53,91	987,218
31/05/2013 14:30	12	0,0032			4,3	19,84	0	18,93	320,78	54,88	986,652
31/05/2013 15:30	13	0,0039			4,08	21,72	0	18,63	235,73	55,1	986,224
31/05/2013 16:30	13	0,0039			2,58	31,49	0	18,06	96,97	59,61	985,756
31/05/2013 17:30	16	0,0038			2,79	29,86	0	16,69	13,61	65,89	985,677
31/05/2013 18:30	15	0,0038			3,76	28,25	0	15,77	2,15	69,3	985,701
31/05/2013 19:30	15	0,0043			2,98	28,15	0	15,78	2,49	68,63	986,03
31/05/2013 20:30	12	0,0028			4,54	32,06	0	16,16	2,74	68,18	985,981
31/05/2013 21:30	10	0,0034			4,81	30,5	0	16,41	2,72	65,42	985,734
31/05/2013 22:30	11	0,0026			4,04	43,32	0	16,32	2,72	67,05	985,442
31/05/2013 23:30	13	0,0035			6,57	16,99	0	16,78	2,73	67,29	984,753