

Data de Medição		Eletrobras CGTEE																				
		Estação 5 - Azequá																				
		Qualidade do Ar								Meteorologia												
		Ar Ambiente								Clima e Meteorologia												
Dióxido de Nitrogênio		Dióxido de Enxofre		Partículas Inaláveis (<10µm)		Ozônio		Velocidade Escalar do Vento		Direção Escalar do Vento		Precipitação Pluviométrica		Temperatura		Radiação Solar Global		Umidade Relativa		Pressão Atmosférica		
Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		
Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		
Data	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [µg/m3]	Flag	Valor [ppm]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [°C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
01/07/2012 00:30	0.0027		0.0038		21		0.0163		1,7		56,54		0		19,14		0,25		87,19		984,68	
01/07/2012 01:30	0.0024		0.0034		20		0.0166		1,63		51,5		0		18,98		0,19		87,39		984,393	
01/07/2012 02:30	0.0023		0.0033		21		0.0184		1,44		47,01		0		18,96		0,05		85,61		984,015	
01/07/2012 03:30	0.0021		0.0032		21		0.0205		1,81		15,32		0		19,31		0,07		81,84		983,493	
01/07/2012 04:30	0.0019		0.0031		25		0.0231		2,46		339,45		0		19,3		0,04		77,85		983,217	
01/07/2012 05:30	0.0018		0.0032		30		0.0244		3,46		307,57		0		19,35		0,02		75,55		983,328	
01/07/2012 06:30	0.0018		0.0031		23		0.0258		3,95		330,95		0		19,74		0,13		71,02		983,449	
01/07/2012 07:30	0.0022		0.0032		24		0.0254		3,21		334,07		0		19,65		1,63		71,34		983,929	
01/07/2012 08:30	0.0019		0.0031		20		0.0253		3,73		321,65		0		19,77		35,6		71,46		984,365	
01/07/2012 09:30	0.0019		0.0031		20		0.0234		3,58		323,73		0		19,75		89		73,25		984,704	
01/07/2012 10:30	0.0018		0.0032		20		0.0243		4,53		330,48		0		20,52		201,76		70,4		984,744	
01/07/2012 11:30	0.0018		0.0032		23		0.0255		5,91		335,07		0		21,36		270,97		67		984,367	
01/07/2012 12:30	0.0017		0.0032		24		0.0286		6,8		331,4		0		22,85		375,1		60,33		983,365	
01/07/2012 13:30	0.0016		0.0032		22		0.0304		6,92		325,1		0		23,76		394,46		56,32		982,435	
01/07/2012 14:30	0.0016		0.0032		24		0.0314		6,8		319,72		0		24,3		431,46		53,7		981,939	
01/07/2012 15:30	0.0019		0.0032		27		0.0301		5,45		326,92		0		23,76		207,29		57,79		981,659	
01/07/2012 16:30	0.0019		0.0033		25		0.0299		5,05		322,68		0		23,62		90,22		58,96		981,623	
01/07/2012 17:30	0.002		0.0032		21		0.0299		3,81		312,16		0		23,64		13,54		57,64		981,961	
01/07/2012 18:30	0.0023		0.0032		27		0.0299		3,37		305,5		0		23,42		1,63		58,75		982,276	
01/07/2012 19:30	0.0024		0.0033		19		0.0288		3,41		307,16		0		23,1		0,75		60,02		982,562	
01/07/2012 20:30	0.002		0.0032		17		0.0288		2,58		322,66		0		22,86		0,14		59,78		982,635	
01/07/2012 21:30	0.0019		0.0032		19		0.0295		1,79		341,45		0		22,57		0,3		59,77		982,848	
01/07/2012 22:30	0.002		0.0033		19		0.0309		2,18		337,26		0		22,43		0,22		59,01		983,069	
01/07/2012 23:30	0.002		0.0032		19		0.0305		2,08		335,03		0		21,62		0,04		61,81		983,41	
02/07/2012 00:30	0.0018		0.0032		23		0.0299		3,6		337,6		0		21,12		0,05		63,5		983,4	
02/07/2012 01:30	0.0018		0.0032		23		0,03		4		330,92		0		20,62		0,03		64,8		983,417	
02/07/2012 02:30	0.0019		0.0032		22		0.0284		2,95		337,9		0		19,4		0,03		69,77		983,099	
02/07/2012 03:30	0.0019		0.0032		18		0.0281		2,67		339,5		0		18,99		0,02		70,78		982,851	
02/07/2012 04:30	0.0018		0.0032		17		0.0285		3,76		321,32		0		19,25		0,12		70,04		982,623	
02/07/2012 05:30	0.0019		0.0032		18		0.0263		4,02		312,41		0		18,9		0,1		72,84		982,621	
02/07/2012 06:30	0.0022		0.0032		24		0.0271		3,26		305,2		0		19,49		1,05		71		982,889	
02/07/2012 07:30	0.0021		0.0032		25		0.0282		2,91		311,67		0		19,74		2,91		70,02		983,141	
02/07/2012 08:30	0.0023		0.0032		25		0.0289		3,15		314,4		0		20,07		51,43		68,83		983,437	
02/07/2012 09:30	0.0021		0.0032		25		0.0294		4,17		321,31		0		21,01		235,65		66,17		983,754	
02/07/2012 10:30	0.0021		0.0032		29		0.0324		5,39		326,46		0		22,44		329,8		61,12		984,233	
02/07/2012 11:30	0.0022		0.0032		25		0.0332		5,24		309,33		0		23,13		226,59		60,43		984,205	
02/07/2012 12:30	0.0029		0.0033		29		0.0277		3,55		191,06		0		21,89		127,53		67,76		984,187	
02/07/2012 13:30	0.0021		0.0032		19		0.017		7,15		150,99		0		16,7		153,75		86,73		983,706	
02/07/2012 14:30	0.0018		0.0031		18		0.0187		7,63		148,68		0		13,95		139,24		91,06		983,614	
02/07/2012 15:30	0.0016		0.0031		19		0.0241		7,83		140,06		0		13,04		69,83		89,31		983,875	
02/07/2012 16:30	0.0018		0.0031		13		0.0268		9,17		151,09		0		11,21		9,73		90,79		985,574	
02/07/2012 17:30	0.0018		0.0031		12		0.0277		7,88		152,15		0		10,1		3,97		92,29		987,175	
02/07/2012 18:30	0.0014		0.0031		11		0.0311		9,41		145,22		0		8,64		1,78		91,53		987,86	
02/07/2012 19:30	0.0015		0.0031		11		0.0308		7,92		148,91		0		8,68		1,09		91,66		988,819	
02/07/2012 20:30	0.0014		0.0031		10		0.0312		7,89		145,06		0		8,33		0,59		94,27		989,358	
02/07/2012 21:30	0.0013		0.0031		10		0.0327		8,36		141,9		0,4		7,94		1,5		93,8		989,766	
02/07/2012 22:30	0.0012		0.0031		10		0.0327		7,26		142,85		1,2		8,11		4,59		93,54		990,597	
02/07/2012 23:30	0.0012		0.0031		9		0.0324		6,27		143,03		1,4		8,01		4,7		95,85		990,844	
03/07/2012 00:30	0.0012		0.0031		12		0.0323		6,01		146,05		1,8		7,66		4,72		96,05		991,274	
03/07/2012 01:30	0.0012		0.0031		13		0.0331		6,74		143,8		0,2		7,32		4,64		96,25		991,073	
03/07/2012 02:30	0.0012		0.0031		10		0.0326		6,56		138,11		0		7,39		4,61		94,4		990,661	
03/07/2012 03:30	0.0011		0.0031		10		0.0322		6,39		142,83		0		7,41		4,66		93,55		990,378	
03/07/2012 04:30	0.0011		0.0031		11		0.0316		5,91		145,66		0		7,13		4,66		94,92		990,463	
03/07/2012 05:30	0.0011		0.0031		11		0.0317		7,14		137,11		0		6,65		4,86		93,8		990,179	
03/07/2012 06:30	0.0012		0.0031		11		0.0312		7,12		126,33		0		6,88		4,96		94,68		989,868	
03/07/2012 07:30	0.0012		0.0031		17		0.0302		7,06		117,63		1,6		7,28		5,36		95,79		990,216	
03/07/2012 08:30	0.0011		0.0031		9		0.031		7,79		125,73		1,4		7,25		23,04		95,46		990,057	
03/07/2012 09:30	0.0012		0.0031		11		0.0303		7,59		134,66		1		7,49		26,57		96,08		990,442	
03/07/2012 10:30	0.0013		0.0031		12		0.0311		7,78		145,64		0,2		7,32		44,93		95,6		990,878	
03/07/2012 11:30	0.0013		0.0031		11		0.0311		7,35		145,5		0,4		7,35		83,51		95,08		990,725	
03/07/2012 12:30	0.0013		0.0031		12		0.0317		7,99		141,65		0		7,41		56,04		95,47		989,782	
03/07/2012 13:30	0.0013		0.0031		10		0.0309		8,01		144,11		0,2		7,55		59,17		95,55		988,758	
03/07/2012 14:30	0.0016		0.0031		11		0.031		7,36		155,7		5		7,37		42,49		96,42		988,76	
03/07/2012 15:30	0.0012		0.0031		10		0.031		7,89		140,94		0		7,72		91,01		96,25		987,556	
03/07/2012 16:30	0.0012		0.0031		6		0.0315		7,61		128,36		0	</								

05/07/2012 16:30	0.0023		0.0033	21		0.0314	4,3	150,29	0		12,5	214,41		43,92	989,2	
05/07/2012 17:30	0.0031		0.0033	16		0.028	2,45	136,76	0		11,07	39,96		54,5	989,539	
05/07/2012 18:30	0.0028		0.0033	17		0.0287	3,36	139,32	0		10,17	3,14		51,37	989,887	
05/07/2012 19:30	0.0026		0.0032	16		0.0272	3,25	124,27	0		9,3	4,25		60,66	990,099	
05/07/2012 20:30	0.0023		0.0032	22		0.0264	3,36	118,26	0		8,21	4,63		67,37	990,084	
05/07/2012 21:30	0.0026		0.0032	19		0.0272	3,92	118,89	0		8,22	4,78		66,57	990,196	
05/07/2012 22:30	0.0022		0.0032	20		0.0266	4,24	135,29	0		7,81	4,63		69,26	990,652	
05/07/2012 23:30	0.0022		0.0032	17		0.0226	5,04	150,51	0		6,36	4,56		79,88	990,574	
06/07/2012 00:30	0.0021		0.0032	19		0.024	4,56	139,4	0		6,5	4,56		79,43	990,626	
06/07/2012 01:30	0.0023		0.0032	11		0.0237	5,07	134,6	0		6,28	4,52		81,93	990,045	
06/07/2012 02:30	0.0019		0.0032	11		0.0224	6,25	132,29	0		5,59	4,43		88,34	989,424	
06/07/2012 03:30	0.0017		0.0031	20		0.0216	6,3	135,79	0		5,48	4,39		89,18	989,871	
06/07/2012 04:30	0.0012		0.0031	16		0.0238	5,96	142,89	0		5,51	4,47		85,99	989,854	
06/07/2012 05:30	0.0011		0.0031	12		0.0257	6,32	151,04	0		5,49	4,62		83,47	989,038	
06/07/2012 06:30	0.0013		0.0031	12		0.0243	6,42	151,73	0		5,06	4,8		84,06	988,831	
06/07/2012 07:30	0.0013		0.0031	12		0.0243	5,92	148,68	0		4,86	5,34		84,37	988,935	
06/07/2012 08:30	0.0022		0.0031	16		0.0231	4,84	175,37	0		4,76	9,39		84,91	990,738	
06/07/2012 09:30	0.0018		0.0031	16		0.0247	5,52	135,61	0,6		5,03	25,29		84,55	990,842	
06/07/2012 10:30	0.0026		0.0031	17		0.022	3,45	145,58	1		5,03	44,78		89,38	991,359	
06/07/2012 11:30	0.0019		0.0031	17		0.0227	4,79	140,27	0,2		5,49	84,26		87,65	991,052	
06/07/2012 12:30	0.0014		0.0031	985	IU	0.0254	5,36	126,7	0,6		6,08	120,78		85,57	989,889	
06/07/2012 13:30	0.0021		0.0031	16		0.024	4,74	161,44	0		6,29	189,23		88,36	989,791	
06/07/2012 14:30	0.0018		0.0031	13		0.0257	5,25	156,33	0		7,16	189,08		79,42	990,236	
06/07/2012 15:30	0.0017		0.0031	17		0.0279	5,95	154,28	0		8,28	312,37		69,64	990,771	
06/07/2012 16:30	0.002		0.0031	18		0.0285	5,02	161,38	0		8,62	193,77		63,96	991,333	
06/07/2012 17:30	0.0027		0.0031	20		0.0273	4,26	157,11	0		7,7	34		69,35	991,615	
06/07/2012 18:30	0.0033		0.0031	26		0.0259	3,37	170,85	0		6,43	4,98		74,13	992,406	
06/07/2012 19:30	0.0036		0.0032	34		0.0251	2,97	173,42	0		5,62	4,84		76,25	992,952	
06/07/2012 20:30	0.0029		0.0031	25		0.0252	3,49	174,41	0		5,08	4,78		77,77	993,409	
06/07/2012 21:30	0.0027		0.0031	24		0.0245	2,97	176,28	0		4,41	4,78		80,22	993,924	
06/07/2012 22:30	0.0022		0.0031	21		0.0251	2,97	188,76	0		4,05	4,64		80,29	994,378	
06/07/2012 23:30	0.0023		0.0031	29		0.024	2,67	193,56	0		3,63	4,54		81,24	994,596	
07/07/2012 00:30	0.0017		0.0031	17		0.0224	3,32	201,28	0		2,85	4,42		83,44	994,658	
07/07/2012 01:30	0.0014		0.0031	18		0.0215	3,44	203,42	0		2,46	4,52		83,48	994,806	
07/07/2012 02:30	0.0015		0.0031	16		0.0223	3,75	196,5	0		2,67	4,4		78,71	995,129	
07/07/2012 03:30	0.0014		0.0031	14		0.0237	3,69	195,9	0		2,74	4,33		74,97	995,541	
07/07/2012 04:30	0.0013		0.0031	17		0.0234	3,9	205,29	0		2,33	4,36		76,05	995,313	
07/07/2012 05:30	0.0013		0.0031	13		0.0216	3,85	217,4	0		1,53	4,49		80,2	995,61	
07/07/2012 06:30	0.0014		0.0031	14		0.0214	4,08	204,51	0		1,3	4,64		80,66	995,761	
07/07/2012 07:30	0.0026		0.0031	17		0.0206	3,93	198,66	0		1,13	9,44		80,74	996,326	
07/07/2012 08:30	0.0024		0.0032	21		0.021	3,46	215,06	0		1,3	89,4		80,08	997,336	
07/07/2012 09:30	0.0025		0.0032	22		0.0247	3,15	190,96	0		3,74	342,09		71,62	997,881	
07/07/2012 10:30	0.0018		0.0032	16		0.0265	3	184,21	0		5,97	486,27		66,29	998,328	
07/07/2012 11:30	0.0017		0.0032	13		0.0286	3,38	184,36	0		7,3	594,98		58,99	998,515	
07/07/2012 12:30	0.0016		0.0032	16		0.0315	3,86	185,32	0		8,15	636,59		47,76	998,081	
07/07/2012 13:30	0.0017		0.0031	9		0.0318	3,53	183,34	0		8,33	512,65		46,06	997,333	
07/07/2012 14:30	0.0019		0.0031	17		0.0315	3,64	213,03	0		8,66	490,67		45,06	996,785	
07/07/2012 15:30	0.0018		0.0032	20		0.0319	3,37	205,76	0		8,88	394,74		39,33	996,635	
07/07/2012 16:30	0.0023		0.0031	22		0.0317	3,1	212,46	0		8,65	215,92		36,53	996,914	
07/07/2012 17:30	0.0063		0.0034	48		0.0298	1,78	203,35	0		7,77	46,6		39,99	997,156	
07/07/2012 18:30	0.0113		0.0037	74		0.0288	1,88	197,12	0		6,66	4,87		41,48	997,42	
07/07/2012 19:30	0.0075		0.0036	59		0.0319	1,77	156,83	0		6,99	4,95		38,4	998,025	
07/07/2012 20:30	0.0071		0.0036	52		0.0327	0,92	166,51	0		6,76	4,83		37,31	998,22	
07/07/2012 21:30	0.0059		0.0035	34		0.033	0,9	181,95	0		6,88	4,81		35,38	998,11	
07/07/2012 22:30	0.0027		0.0032	26		0.0324	0,42	118,97	0		5,75	4,8		37,92	997,942	
07/07/2012 23:30	0.002		0.0031	24		0.03	1,07	95,19	0		4,75	4,68		44,15	997,865	
08/07/2012 00:30	0.0019		0.0032	19		0.0304	0,81	100,03	0		4,38	4,52		46,39	997,982	
08/07/2012 01:30	0.0015		0.0031	15		0.0279	0,6	19,9	0		3,27	4,45		54,88	997,613	
08/07/2012 02:30	0.0013		0.0031	15		0.0289	1,02	327,75	0		3,6	4,39		52,05	997,188	
08/07/2012 03:30	0.0013		0.0031	12		0.029	1,64	317,91	0		4,16	4,27		49,5	996,925	
08/07/2012 04:30	0.0015		0.0031	13		0.0279	1,89	323,9	0		3,85	4,29		55,66	996,488	
08/07/2012 05:30	0.0016		0.0031	13		0.0272	1,79	322,72	0		3,34	4,39		59,82	996,148	
08/07/2012 06:30	0.0016		0.0031	19		0.0264	1,86	327,08	0		2,84	4,58		63,46	996,246	
08/07/2012 07:30	0.0018		0.0031	20		0.025	1,25	336,13	0		2,35	17,71		67,47	996,601	
08/07/2012 08:30	0.0014		0.0031	14		0.0253	1,28	53,6	0		3,67	165,37		62,63	996,675	
08/07/2012 09:30	0.0014		0.0031	12		0.0248	2,02	21,52	0		4,45	340,71		63,3	997,414	
08/07/2012 10:30	0.0012		0.0031	12		0.0256	2,52	30,33	0		5,96	489,15		57,01	997,541	
08/07/2012 11:30	0.0011		0.0032	11		0.0298	3,9	32,96	0		7,73	584,99		46,01	996,926	
08/07/2012 12:30	0.0014		0.0037	10		0.0331	4,32	37,92	0		8,7	621,32		43,07	996,5	
08/07/2012 13:30	0.0016		0.0057	11		0.0334	4	39,86	0		9,54	599,79		44,52	995,575	
08/07/2012 14:30	0.0015		0.0048	8		0.0345	4,12	40,77	0		10,31	519,54		39,75	995,004	
08/07/2012 15:30	0.0013		0.0032	9		0.0328	3,62	26,57	0		10,86	385,42		41,03	994,776	
08/07/2012 16:30	0.0013		0.0032	9		0.0319	3,7	36,95	0		10,72	217,62		42,02	994,507	
08/07/2012 17:30	0.0013		0.0032	9		0.0293	2,69	53,23	0		9,43	47,68		46,96	994,31	
08/07/2012 18:30	0.0013		0.0031	11		0.0285	2,91	68,82	0		7,9	4,9		50,16	993,862	
08/07/2012 19:30	0.0014		0.0032	10		0.0275	2,71	67,94	0		6,98	4,82		53,51	993,924	
08/07/2012 20:30	0.0039		0.0131	21		0.0235	2,53	76,57	0		6,54	4,73		58,52	994,282	
08/07/2012 21:30	0.0058		0.0078	11		0.02	2,77	73,38	0		6,11	4,67		63	994,239	
08/07/2012 22:30	0.0085		0.0042	12		0.0152	3,05	69,7	0		5,19	4,58		68,8	994,353	
08/07/2012 23:30	0.0043		0.0036	11		0.0186	3,6	69,15	0		4,76	4,49		71,93	994,237	
09/07/2012 00:30	0.0044		0.0049	11		0.0179	3,78	74,56	0		4,25	4,46		76,66	994,211	
09/07/2012 01:30	0.0069		0.0054	11		0.0										

10/07/2012 19:30	0.0046	0.0034	33	0.024	2.18	247.22	0	9.32	4.27	74.29	984.387
10/07/2012 20:30	0.0037	0.0034	31	0.0249	2.41	230.51	0	9.54	4.57	71.68	984.54
10/07/2012 21:30	0.0023	0.0033	32	0.0252	3.46	218.61	0	9.45	4.48	71.83	985.068
10/07/2012 22:30	0.0021	0.0033	27	0.024	4.43	215.62	0	8.46	4.68	75.26	985.788
10/07/2012 23:30	0.0019	0.0032	25	0.0232	4.29	217.05	0	7.36	4.62	80.87	986.315
11/07/2012 00:30	0.0018	0.0032	19	0.0211	4.29	210.41	0	6.66	4.6	85.11	986.696
11/07/2012 01:30	0.0014	0.0032	9	0.0265	4.89	200.62	0	5.78	4.43	79.71	986.836
11/07/2012 02:30	0.0014	0.0032	11	0.0241	4.4	204.48	0	4.39	4.41	86.56	986.696
11/07/2012 03:30	0.0013	0.0032	18	0.0224	4.6	208.64	0	3.17	4.42	92.36	986.502
11/07/2012 04:30	0.0013	0.0032	12	0.0209	3.96	207.44	0	2.51	4.41	94.79	986.273
11/07/2012 05:30	0.0013	0.0031	12	0.0207	4.22	210.76	0	2.3	4.67	95.97	986.259
11/07/2012 06:30	0.0014	0.0032	10	0.021	3.84	216.05	0	2.2	4.85	95.45	986.598
11/07/2012 07:30	0.0018	0.0032	8	0.0182	2.6	233.74	0	1.31	9.36	96.5	987.008
11/07/2012 08:30	0.0028	0.0032	11	0.017	2.49	232.86	0	0.65	104.72	97.43	987.013
11/07/2012 09:30	0.0028	0.0032	19	0.0194	2.27	194.86	0	2.47	260.28	97.48	987.182
11/07/2012 10:30	0.0021	0.0032	20	0.0221	1.78	263.1	0	4.11	491.61	95.43	987.571
11/07/2012 11:30	0.0019	0.0032	19	0.0251	2.36	213.42	0	6.29	594.43	78.58	986.681
11/07/2012 12:30	0.0014	0.0032	14	0.0289	2.02	176.36	0	7.99	636.07	61.02	985.612
11/07/2012 13:30	0.0013	0.0032	16	0.0299	2.07	222.12	0	8.67	612.38	53.22	984.63
11/07/2012 14:30	0.0013	0.0032	10	0.0299	1.71	298.1	0	10.01	516.72	48.53	983.911
11/07/2012 15:30	0.0018	0.0032	23	0.0294	2.14	201.91	0	9.47	356.07	52.95	983.4
11/07/2012 16:30	0.0024	0.0033	27	0.0301	2.09	239.63	0	9.68	220.47	47.74	983.316
11/07/2012 17:30	0.0043	0.0034	50	0.0296	1.79	289.99	0	8.61	48	47.96	983.44
11/07/2012 18:30	0.0068	0.0038	66	0.0283	2.12	294.1	0	7.04	5.17	57.71	983.748
11/07/2012 19:30	0.0039	0.0033	38	0.0282	2.59	309.37	0	6.69	4.94	61.46	983.802
11/07/2012 20:30	0.0041	0.0033	38	0.0285	2.3	296.27	0	6.63	4.78	60.72	983.745
11/07/2012 21:30	0.0037	0.0033	37	0.0288	1.87	317.87	0	6.05	4.73	62.83	983.614
11/07/2012 22:30	0.0022	0.0032	18	0.0272	2.44	312.64	0	6.04	4.48	63.5	983.676
11/07/2012 23:30	0.0018	0.0031	16	0.0268	2.72	299.89	0	5.86	4.56	64.61	983.385
12/07/2012 00:30	0.0014	0.0031	9	0.0255	2.3	305.17	0	5.02	4.58	67.4	982.85
12/07/2012 01:30	0.0012	0.0031	11	0.0245	2.64	303.05	0	4.87	4.47	68.75	982.446
12/07/2012 02:30	0.0012	0.0031	11	0.0212	3.35	295.97	0	4.28	4.43	75.83	982.344
12/07/2012 03:30	0.0013	0.0031	9	0.024	3.86	268.6	0	5.04	4.36	71.18	983.186
12/07/2012 04:30	0.0013	0.0031	9	0.021	3.1	282.5	0	4.71	4.44	74.98	982.837
12/07/2012 05:30	0.0014	0.0032	10	0.0189	2.63	298.31	0	4.28	4.65	79.25	982.139
12/07/2012 06:30	0.0015	0.0032	11	0.0176	1.93	316.07	0	3.98	4.86	82.28	981.506
12/07/2012 07:30	0.0017	0.0032	10	0.019	3.13	301.73	0	4.5	9.66	79.3	981.645
12/07/2012 08:30	0.0019	0.0032	20	0.0199	2.9	300.86	0	5.06	32.03	77.42	981.883
12/07/2012 09:30	0.0023	0.0032	19	0.0185	2.25	300.55	0	5.55	185.15	78.27	982.023
12/07/2012 10:30	0.0021	0.0033	25	0.0222	3.8	298.51	0	8.03	448.46	68.01	981.958
12/07/2012 11:30	0.0021	0.0036	42	0.0274	4.76	271.18	0	10.01	563.03	56.29	981.723
12/07/2012 12:30	0.0022	0.0035	50	0.0296	5.4	281.55	0	10.82	611.18	53.14	981.337
12/07/2012 13:30	0.002	0.0035	52	0.0303	5.54	281.67	0	11.46	594.75	53.34	981.709
12/07/2012 14:30	0.0018	0.0033	985	0.0305	5.64	268.45	0	12.05	496.44	49.8	980.516
12/07/2012 15:30	0.002	0.0033	985	0.0306	6.87	259.01	0	11.75	348.52	48.45	980.434
12/07/2012 16:30	0.0031	0.0035	38	0.0297	5.79	249.01	0	11.01	178.6	52.97	980.805
12/07/2012 17:30	0.003	0.0034	35	0.0291	4.25	245.45	0	9.62	47.18	60.79	981.418
12/07/2012 18:30	0.0029	0.0033	33	0.0274	3.78	244.17	0	8	3.64	70	981.786
12/07/2012 19:30	0.0024	0.0033	24	0.027	4.84	249.67	0	7.98	4.83	71.68	982.174
12/07/2012 20:30	0.0023	0.0032	24	0.0271	4.43	253.98	0	7.97	4.93	70.07	982.523
12/07/2012 21:30	0.0021	0.0032	18	0.0264	3.8	264.68	0	7.47	4.8	70.7	982.931
12/07/2012 22:30	0.0022	0.0032	19	0.0239	2.78	274.82	0	6.37	4.71	76.36	982.757
12/07/2012 23:30	0.0017	0.0032	15	0.0228	2.84	276.62	0	5.85	4.62	78.02	982.723
13/07/2012 00:30	0.0016	0.0031	14	0.0212	2.9	275.61	0	5.21	4.46	80.39	982.62
13/07/2012 01:30	0.0015	0.0032	16	0.0198	2.82	281.05	0	4.34	4.39	83.03	982.226
13/07/2012 02:30	0.0014	0.0032	13	0.0184	2.8	288.91	0	3.8	4.49	84.64	981.764
13/07/2012 03:30	0.0014	0.0031	11	0.018	2.95	291.87	0	3.64	4.58	84.94	981.971
13/07/2012 04:30	0.0013	0.0032	10	0.0173	2.85	298.29	0	3.22	4.53	85.74	981.721
13/07/2012 05:30	0.0013	0.0032	18	0.0176	3.58	292.1	0	3.16	4.66	84.08	981.94
13/07/2012 06:30	0.0016	0.0032	14	0.0177	3.51	284.88	0	2.98	4.83	83.7	982.474
13/07/2012 07:30	0.0019	0.0032	20	0.0167	2.95	285.95	0	2.74	16.93	84.22	983.084
13/07/2012 08:30	0.0021	0.0033	22	0.0174	3.13	282.42	0	3.91	155.62	79.23	983.907
13/07/2012 09:30	0.0023	0.0034	28	0.0183	4.07	298.46	0	5.43	332.49	75.33	984.686
13/07/2012 10:30	0.0022	0.0034	35	0.0205	3.84	293.82	0	8.32	479.53	67.41	985.309
13/07/2012 11:30	0.0021	0.0034	44	0.0251	4.7	291.69	0	11.69	577.81	54.3	985.141
13/07/2012 12:30	0.0018	0.0034	31	0.027	5.28	301.23	0	13.43	616.09	49.54	984.412
13/07/2012 13:30	0.0017	0.0034	55	0.0297	5.14	295.59	0	15.46	593.25	41.37	983.694
13/07/2012 14:30	0.0017	0.0033	63	0.03	5.82	299.38	0	16.01	464.31	40.94	983.439
13/07/2012 15:30	0.0021	0.0034	88	0.0307	5.68	293.68	0	16.45	380.46	39.4	983.477
13/07/2012 16:30	0.0022	0.0034	84	0.0313	5.15	289.82	0	16.43	201.51	38.42	983.952
13/07/2012 17:30	0.0035	0.0034	105	0.0294	2.95	267.84	0	14.74	39.06	44.08	984.548
13/07/2012 18:30	0.0045	0.0036	97	0.0302	2.98	260.24	0	12.81	1.47	51.65	984.97
13/07/2012 19:30	0.0033	0.0034	79	0.0289	3.03	265.74	0	12.25	3.41	54.48	985.86
13/07/2012 20:30	0.0027	0.0033	81	0.0277	3.42	264.9	0	12.2	3.88	55.18	986.576
13/07/2012 21:30	0.0022	0.0033	86	0.0289	3.63	260.53	0	12.18	4.45	54.73	987.225
13/07/2012 22:30	0.002	0.0033	72	0.0293	3.87	244.94	0	11.91	4.43	56.58	987.557
13/07/2012 23:30	0.002	0.0033	57	0.0254	3.62	226.35	0	10.14	4.62	65.57	988.048
14/07/2012 00:30	0.0019	0.0032	52	0.0233	3.89	210.66	0	8.92	4.51	71.9	988.545
14/07/2012 01:30	0.002	0.0032	46	0.0202	3.47	204.76	0	7.42	4.52	78.64	988.914
14/07/2012 02:30	0.0019	0.0032	33	0.0192	3.27	202.36	0	6.78	4.51	80.55	989.134
14/07/2012 03:30	0.0019	0.0032	26	0.0192	2.56	222.3	0	6.32	4.51	81.02	989.44
14/07/2012 04:30	0.0018	0.0032	22	0.0207	1.89	249.79	0	6.5	4.48	77.37	989.906
14/07/2012 05:30	0.0019	0.0034	23	0.0225	1.93	247.79	0	6.74	4.6	75.35	990.29
14/07/2012 06:30	0.0023	0.0036	22	0.0224	2.14	242.2	0	6.83	4.8	76.29	991.216
14/07/2012 07:30	0.0027	0.0037	22	0.0211	2.95	241.6	0	6.46	18.66	78.76	992.13
14/07/2012 08:30	0.0024	0.0034	22	0.0173	3.88	228.04	0	5.42	165.37	85.18	993.625
14/07/2012 09:30	0.0025	0.0036	28	0.0187	3.88	209.22	0	6.27	344.21	81.19	994.532
14/07/2012 10:30	0.0024	0.0036	33	0.0242	4.36	201.9	0	7.44	495.22	70.61	995.246
14/07/2012 11:30	0.0019	0.0034	36	0.0289	4.01	209.7	0	8.82	595.06	58.62	995.555
14/07/2012 12:30	0.0017	0.0035	32	0.0309	4.6	215.98	0	9.2	640.91	54.76	995.649
14/07/2012 13:30	0.0017	0.0035	28	0.0316	4.08	229.03	0	9.63	614.54	51.77	995.483
14/07/2012 14:30	0.0017	0.0034	33	0.0329	4.6	226.1	0	9.83	528.1	44.27	995.381
14/07/2012 15:30	0.002	0.0035	38	0.033	4.27	221.97	0	9.84	356.72	44.56	995.817
14/07/2012 16:30	0.0024	0.0036	54	0.0324	4						

15/07/2012 22:30	0.0015	0.0032	21	0.0269	5.06	145.88	0	3.24	4.58	80.43	1003.064
15/07/2012 23:30	0.0012	0.0032	18	0.0271	4.82	150.21	0	2.82	4.53	83.08	1003.155
16/07/2012 00:30	0.0012	0.0032	23	0.0276	5.31	152.85	0	2.65	4.45	83.83	1003.033
16/07/2012 01:30	0.0013	0.0032	25	0.0276	5.45	158.91	0	2.48	4.53	84.41	1002.864
16/07/2012 02:30	0.0012	0.0032	16	0.0273	5.81	160.06	0	2.28	4.46	85.07	1002.515
16/07/2012 03:30	0.0011	0.0032	18	0.0273	6.49	157.96	0	2.23	4.45	86.4	1002.038
16/07/2012 04:30	0.001	0.0032	17	0.0273	6.5	146.18	0	2.22	4.45	88.69	1001.377
16/07/2012 05:30	0.0011	0.0032	18	0.0271	4.12	117.78	0	2.83	4.56	90.29	1001.708
16/07/2012 06:30	0.001	0.0032	19	0.0276	3.93	113.12	0	3.74	4.68	92.37	1002.42
16/07/2012 07:30	0.0012	0.0032	22	0.0278	4.43	141.84	0	4.15	9.16	95.47	1003.088
16/07/2012 08:30	0.0028	0.0033	25	0.0262	4.19	167.53	0	4.38	62.93	94.35	1003.66
16/07/2012 09:30	0.0019	0.0033	27	0.0276	5.01	150.53	0	5.69	262.93	92.14	1003.726
16/07/2012 10:30	0.0017	0.0033	24	0.0268	4.71	151.19	0	7.2	450.54	86.57	1004.165
16/07/2012 11:30	0.0013	0.0033	26	0.0282	4.78	138.54	0	8.84	523.61	80.8	1003.98
16/07/2012 12:30	0.0012	0.0033	18	0.0307	4.78	104.73	0	10.19	439.32	72.49	1003.383
16/07/2012 13:30	0.0012	0.0033	14	0.0319	4.91	106.72	0	11.15	509.09	67.34	1002.456
16/07/2012 14:30	0.0012	0.0032	15	0.0318	4.51	111.36	0	11.71	432.87	1001.822	
16/07/2012 15:30	0.0012	0.0033	16	0.0312	4.19	111.05	0	11.56	153.96	65.09	1001.37
16/07/2012 16:30	0.0016	0.0033	30	0.0296	3.86	120.62	0	10.94	46.36	69.41	1001.414
16/07/2012 17:30	0.002	0.0033	33	0.0296	3.35	113.97	0	10.63	18.35	70.83	1001.332
16/07/2012 18:30	0.002	0.0033	26	0.0297	3.68	124.91	0	10.06	4.27	70.95	1001.068
16/07/2012 19:30	0.0015	0.0033	13	0.0299	4.81	128.48	0	9.52	5.03	72.26	1001.206
16/07/2012 20:30	0.0015	0.0033	17	0.0306	4.56	123.77	0	8.85	4.95	73.67	1001.407
16/07/2012 21:30	0.0015	0.0033	13	0.0299	4.71	128.2	0	8.11	4.94	75.86	1001.454
16/07/2012 22:30	0.0014	0.0033	18	0.0281	4.63	125.32	0	7.35	4.73	80.46	1001.128
16/07/2012 23:30	0.0015	0.0033	16	0.0283	4.37	117.33	0	7.19	4.79	82.49	1000.952
17/07/2012 00:30	0.0015	0.0033	13	0.0278	3.89	106.21	0	6.78	4.74	86.52	1000.802
17/07/2012 01:30	0.0014	0.0033	14	0.0285	3.62	111.47	0	6.63	4.76	91.11	1000.5
17/07/2012 02:30	0.0014	0.0033	15	0.0283	4.15	118.13	0	6.48	4.74	93	1000.418
17/07/2012 03:30	0.0013	0.0032	12	0.0286	4.45	127.8	0	6.59	4.7	92.65	1000.341
17/07/2012 04:30	0.0013	0.0033	12	0.0271	4.59	151.93	0	6.13	4.7	94.54	1000.244
17/07/2012 05:30	0.0012	0.0033	12	0.029	4.56	144.81	0	6.46	4.81	93.46	999.997
17/07/2012 06:30	0.0011	0.0032	11	0.029	4.56	142.87	0	6.51	5.01	93.68	999.966
17/07/2012 07:30	0.0016	0.0032	13	0.028	4.87	152.38	0	6.24	9.6	95.47	1000.122
17/07/2012 08:30	0.0013	0.0032	11	0.0276	3.6	108.22	0	6.6	153.39	94.54	1000.127
17/07/2012 09:30	0.0012	0.0033	17	0.0294	3.75	118	0	8.98	346.96	80.7	1000.685
17/07/2012 10:30	0.0015	0.0033	20	0.0286	4.82	147.46	0	9.33	495.58	77.4	1001.231
17/07/2012 11:30	0.0013	0.0033	19	0.0305	4.43	132.16	0	10.54	595.62	68.72	1001.04
17/07/2012 12:30	0.0012	0.0033	19	0.0321	4.16	131.95	0	11.91	637.52	60.78	1000.33
17/07/2012 13:30	0.0011	0.0033	12	0.0334	3.51	133.37	0	12.87	617.34	55.02	999.019
17/07/2012 14:30	0.0013	0.0033	22	0.0343	2.63	141.66	0	13.16	362.28	52.82	998.021
17/07/2012 15:30	0.0014	0.0033	22	0.0349	1.83	200.57	0	13.87	397.93	48.09	997.29
17/07/2012 16:30	0.0017	0.0033	22	0.0348	2.09	189.79	0	13.55	225.47	48.6	997.322
17/07/2012 17:30	0.0049	0.0035	119	0.0327	2.05	194.18	0	12.39	53.26	51.86	997.166
17/07/2012 18:30	0.0069	0.004	65	0.0311	2.22	185.89	0	10.81	1.74	57.63	997.329
17/07/2012 19:30	0.0061	0.0037	47	0.0327	2.21	184.39	0	10.12	3.9	59.3	997.724
17/07/2012 20:30	0.0054	0.0035	56	0.0331	2.5	188.72	0	10.1	4.7	57.82	998.025
17/07/2012 21:30	0.0054	0.0035	50	0.0325	3.19	203.41	0	9.5	4.7	58.94	997.752
17/07/2012 22:30	0.0032	0.0034	29	0.0295	2.43	141.99	0	8.57	4.62	63.26	997.301
17/07/2012 23:30	0.0015	0.0033	17	0.0294	2.44	130.63	0	8.52	4.68	67.49	997.203
18/07/2012 00:30	0.0021	0.0033	22	0.0296	2.05	147.72	0	8.63	4.5	66.82	997.032
18/07/2012 01:30	0.0015	0.0033	11	0.0298	1.2	124.11	0	7.98	4.54	69.45	996.663
18/07/2012 02:30	0.0012	0.0033	19	0.0307	0.54	341.37	0	7.34	4.52	72.4	996.041
18/07/2012 03:30	0.0061	0.0033	13	0.0231	1.57	284.42	0	7.63	4.48	76.99	995.419
18/07/2012 04:30	0.0024	0.0033	12	0.0285	1.63	265.72	0	7.87	4.5	72.44	995.123
18/07/2012 05:30	0.0014	0.0033	12	0.0293	2.47	218.61	0	7.48	4.69	71.93	995.17
18/07/2012 06:30	0.0015	0.0033	13	0.0287	2.27	234.28	0	6.46	4.85	76.9	995.119
18/07/2012 07:30	0.0035	0.0033	10	0.0271	2.09	248.7	0	6.54	20.74	76.49	994.848
18/07/2012 08:30	0.0051	0.0034	41	0.0235	0.92	266.6	0	7.06	172.42	75.86	995.159
18/07/2012 09:30	0.0022	0.0034	21	0.0282	2.08	232.41	0	8.53	351.1	71.6	995.702
18/07/2012 10:30	0.0015	0.0035	20	0.0305	2.32	234.07	0	9.58	500.72	66.13	996.302
18/07/2012 11:30	0.0018	0.0034	27	0.0311	2.89	250.19	0	10.89	599.16	63.66	996.207
18/07/2012 12:30	0.0017	0.0035	26	0.0311	3.34	254.49	0	11.84	638.9	59.77	995.555
18/07/2012 13:30	0.002	0.0036	34	0.0316	3.06	268.37	0	12.68	615.78	55.15	994.59
18/07/2012 14:30	0.0014	0.0034	18	0.0305	3.56	301.7	0	13.43	528.8	52.88	993.947
18/07/2012 15:30	0.0016	0.0034	21	0.0317	3.64	287.58	0	13.86	396.67	46.5	993.86
18/07/2012 16:30	0.002	0.0034	35	0.0314	3.35	282.6	0	13.82	201.27	47.79	993.916
18/07/2012 17:30	0.0073	0.0036	91	0.0265	2.31	255.62	0	12.23	31.95	54.04	993.972
18/07/2012 18:30	0.007	0.0037	94	0.0277	2.14	256.05	0	10.88	2.6	59.15	994.264
18/07/2012 19:30	0.0054	0.0036	65	0.0302	2.12	278.65	0	10.66	4.67	62.25	994.315
18/07/2012 20:30	0.0034	0.0035	31	0.0278	2.63	272.07	0	10.45	4.45	63.43	994.216
18/07/2012 21:30	0.003	0.0035	32	0.0279	2.91	281.35	0	10.59	4.52	58.66	993.982
18/07/2012 22:30	0.0025	0.0033	18	0.0258	3.02	296.39	0	9.24	4.6	63.95	993.984
18/07/2012 23:30	0.0018	0.0033	13	0.0252	3.69	294.09	0	8.49	4.56	68.62	993.909
19/07/2012 00:30	0.0016	0.0033	14	0.0236	3.6	295.6	0	7.41	4.63	73.84	993.338
19/07/2012 01:30	0.0016	0.0033	16	0.0257	4.28	274.06	0	8.24	4.53	70.88	993.383
19/07/2012 02:30	0.0014	0.0033	15	0.0273	4.15	263.98	0	9.4	4.55	66.43	993.21
19/07/2012 03:30	0.0014	0.0033	16	0.0248	3.83	259.25	0	7.8	4.5	72.37	992.553
19/07/2012 04:30	0.0014	0.0032	10	0.0223	3.41	264.51	0	6.43	4.53	77.99	991.939
19/07/2012 05:30	0.0013	0.0033	12	0.0249	3.74	266.69	0	7.55	4.66	75.29	992.006
19/07/2012 06:30	0.0017	0.0033	21	0.0259	2.99	274.56	0	8	4.84	75.14	992.297
19/07/2012 07:30	0.0024	0.0034	21	0.0218	2.43	262.23	0	6.13	12.67	81.41	992.572
19/07/2012 08:30	0.003	0.0034	27	0.0241	2.4	273.08	0	7.41	165.95	77.79	992.691
19/07/2012 09:30	0.0019	0.0033	22	0.0213	3.23	294.21	0	7.71	344.25	79.54	992.946
19/07/2012 10:30	0.0019	0.0034	31	0.0215	3.72	300.06	0	9.41	492.74	78.27	993.281
19/07/2012 11:30	0.0018	0.0034	22	0.0249	3.87	307.01	0	11.73	592.68	70.85	992.993
19/07/2012 12:30	0.0018	0.0035	24	0.0277	3.9	300.49	0	13.94	633.85	62.27	992.063
19/07/2012 13:30	0.002	0.0036	30	0.0313	3.75	299.78	0	15.54	615.25	52.33	990.638
19/07/2012 14:30	0.0017	0.0035	19	0.0331	3.71	314.57	0	16.29	534.69	46.65	989.992
19/07/2012 15:30	0.0025	0.0038	39	0.0344	3.88	318.95	0	16.59	402.78	44.77	989.292
19/07/2012 16:30	0.0026	0.0039	29	0.0361	3.72	319.1	0	16.34	222.21	47.54	988.837
19/07/2012 17:30	0.0027	0.0036	27	0.0329	2.81	319.27	0	15.12	42.48	53.81	988.846
19/07/2012 18:30	0.0051	0.0037	50	0.0312	2.9	308.65	0	13.84	0.46	58.43	989.488
19/0											

21/07/2012 01:30	0.0033	0.0034	22	0.0231	1.61	350.22	0	10.77	4.47	82.19	981.484	
21/07/2012 02:30	0.0028	0.0033	19	0.0218	2.66	343.52	0	10.09	4.56	83.35	981.321	
21/07/2012 03:30	0.0022	0.0033	21	0.0232	4.94	333.92	0	10.35	4.63	81.6	980.895	
21/07/2012 04:30	0.0019	0.0033	22	0.0256	5.16	320.48	0	11.33	4.65	78.38	980.888	
21/07/2012 05:30	0.0018	0.0033	20	0.0234	4.12	302.78	0	10.49	4.81	82.28	981.563	
21/07/2012 06:30	0.0021	0.0033	17	0.0235	3.5	292.34	0	10.62	4.95	82.55	982.247	
21/07/2012 07:30	0.0024	0.0034	23	0.0242	3.5	298.96	0	10.94	16.76	81.54	982.515	
21/07/2012 08:30	0.004	0.0035	28	0.0243	3.21	308.57	0	11.47	157.28	80	982.716	
21/07/2012 09:30	0.0025	0.0034	20	0.0262	2.97	329.88	0	12.79	294.62	76.83	983.036	
21/07/2012 10:30	0.0022	0.0035	19	0.0269	3.81	326.13	0	14.29	469.25	74.43	983.029	
21/07/2012 11:30	0.0023	0.0035	27	0.0312	5.73	320.49	0	16.14	580.29	67.7	982.53	
21/07/2012 12:30	0.0022	0.0035	37	0.0334	6.08	309.36	0	17.67	593.55	61.02	981.684	
21/07/2012 13:30	0.0022	0.0036	36	0.034	6.1	306.28	0	18.36	497.35	57.85	981.079	
21/07/2012 14:30	0.0021	0.0036	27	0.0354	5.76	298.16	0	19.43	488.84	52.54	980.708	
21/07/2012 15:30	0.0022	0.0035	44	0.0339	5.41	293.12	0	19.62	308.6	52.34	980.935	
21/07/2012 16:30	0.0021	0.0035	31	0.0332	3.87	295.12	0	19.71	190.81	51.81	981.147	
21/07/2012 17:30	0.0035	0.0036	57	0.0311	2.55	299.65	0	18.57	36.98	55.37	981.496	
21/07/2012 18:30	0.0099	0.0054	70	0.0313	3.11	285.76	0	16.96	1.45	61.06	982.014	
21/07/2012 19:30	0.0161	0.0059	164	0.0423	3.05	274.35	0	15.62	0.49	65.92	982.569	
21/07/2012 20:30	0.0136	0.0056	178	0.0417	3.74	260.52	0	15.95	0.46	62.21	983.486	
21/07/2012 21:30	0.0028	0.0037	43	0.0251	3.76	223.39	0	14.51	1.01	68.17	984.322	
21/07/2012 22:30	0.0029	0.0036	47	0.0261	3.06	212.54	0	13.49	3.32	73.05	985.322	
21/07/2012 23:30	0.0028	0.0036	40	0.0266	3.44	201.1	0	12.71	4.38	75.65	985.959	
22/07/2012 00:30	0.0025	0.0036	38	0.0271	3.97	190.35	0	11.75	4.48	77.83	986.573	
22/07/2012 01:30	0.0027	0.0036	36	0.0277	3.67	186.57	0	11.02	4.48	78.36	986.989	
22/07/2012 02:30	0.0029	0.0039	39	0.0289	4.1	186.07	0	10.36	4.54	77.93	987.129	
22/07/2012 03:30	0.003	0.004	44	0.0291	2.97	174.72	0	9.66	4.57	78.1	987.397	
22/07/2012 04:30	0.003	0.004	44	0.0294	3.11	166.5	0	9.52	4.63	76.61	987.635	
22/07/2012 05:30	0.003	0.0041	40	0.0303	3.99	164.69	0	9.42	4.89	76.39	987.947	
22/07/2012 06:30	0.0027	0.004	39	0.0281	4.62	150.59	0	9.01	4.87	77.04	988.556	
22/07/2012 07:30	0.0028	0.0039	985	IU	0.0261	4.47	141.73	0	8.58	20.76	78.39	989.239
22/07/2012 08:30	0.0027	0.004	985	IU	0.0253	3.75	126.46	0	9.58	172.78	73.45	990.059
22/07/2012 09:30	0.0022	0.0039	985	IU	0.0266	5.45	129.65	0	10.4	354.55	71.1	990.649
22/07/2012 10:30	0.0018	0.0036	31	0.0274	5.77	124.86	0	11.43	505.72	67.59	991.265	
22/07/2012 11:30	0.0017	0.0036	22	0.0289	6.31	126.29	0	12.51	609.71	62.32	991.626	
22/07/2012 12:30	0.0016	0.0035	18	0.0302	5.28	128.2	0	13.88	652.49	55.63	991.264	
22/07/2012 13:30	0.0015	0.0034	18	0.0312	5.23	121.59	0	14.52	634.52	51.33	990.647	
22/07/2012 14:30	0.0016	0.0034	23	0.0315	5.21	117.53	0	15.18	552.14	49.31	990.046	
22/07/2012 15:30	0.0015	0.0034	17	0.0307	4.97	118.96	0	15.12	413.96	52.82	989.821	
22/07/2012 16:30	0.0016	0.0034	27	0.0298	5.07	125.88	0	14.5	236.85	57.27	989.804	
22/07/2012 17:30	0.0017	0.0034	28	0.0289	5.24	134.62	0	12.83	58.16	64.99	990.307	
22/07/2012 18:30	0.0019	0.0034	24	0.0278	5.85	132.56	0	10.9	1.65	73.19	990.816	
22/07/2012 19:30	0.0016	0.0034	16	0.0266	6.47	127.85	0	9.54	1.15	78.33	991.232	
22/07/2012 20:30	0.0017	0.0034	19	0.0242	5.97	121.41	0	8.41	4.44	86.62	991.365	
22/07/2012 21:30	0.0018	0.0033	19	0.0234	6.28	117.66	0	7.18	4.5	91.91	991.598	
22/07/2012 22:30	0.0013	0.0033	15	0.024	7.05	114.93	0	6.34	4.46	95.59	991.487	
22/07/2012 23:30	0.0013	0.0033	16	0.0237	6.78	117.86	0	6.17	4.41	95.65	991.666	
23/07/2012 00:30	0.0013	0.0033	13	0.0223	6.35	118.12	0	6	4.35	95.64	991.648	
23/07/2012 01:30	0.0013	0.0033	16	0.0232	5.87	106.71	0	5.97	4.43	95.05	991.412	
23/07/2012 02:30	0.0012	0.0033	13	0.0244	6.01	102.81	0	5.95	4.62	94.4	991.263	
23/07/2012 03:30	0.0012	0.0033	14	0.0241	5.76	102.61	0	5.49	4.57	96.32	990.63	
23/07/2012 04:30	0.0012	0.0032	13	0.0245	5.52	105.08	0	5.44	4.61	96.48	990.244	
23/07/2012 05:30	0.0013	0.0033	10	0.0236	5.09	104.9	0	5.31	4.78	96	990.196	
23/07/2012 06:30	0.0015	0.0033	16	0.0234	5.01	103.63	0	5.41	4.92	92.7	990.249	
23/07/2012 07:30	0.0015	0.0033	19	0.0247	5.58	112.4	0	6.06	18.08	89.77	990.179	
23/07/2012 08:30	0.0012	0.0033	17	0.0247	5.58	100.51	0	7.21	153.45	88.02	990.028	
23/07/2012 09:30	0.0012	0.0033	17	0.0245	5.19	82	0	8.66	322.59	86.55	990.048	
23/07/2012 10:30	0.0014	0.0034	14	0.0231	5.34	68.85	0	10.19	464.16	85.96	990	
23/07/2012 11:30	0.0026	0.0072	17	0.0229	4.73	55.26	0	12.86	517.28	80.29	989.578	
23/07/2012 12:30	0.0028	0.0147	22	0.0268	5.08	41.16	0	15.78	548.77	72.25	988.521	
23/07/2012 13:30	0.0029	0.0187	20	0.0285	4.9	52.35	0	17.62	533.84	67.1	986.859	
23/07/2012 14:30	0.0046	0.0366	34	0.0275	4.18	62.14	0	18.9	458.36	64.15	985.87	
23/07/2012 15:30	0.0049	0.0466	32	0.0289	3.43	55.3	0	19.68	336.44	61.97	985.084	
23/07/2012 16:30	0.0053	0.0492	33	0.0284	2.51	45.93	0	19.97	182.89	62.16	984.813	
23/07/2012 17:30	0.0074	0.0496	57	0.0243	1.34	64.27	0	18.7	40.49	67.93	984.675	
23/07/2012 18:30	0.0054	0.0286	32	0.0259	1.4	55.55	0	17.62	2.48	71.65	984.733	
23/07/2012 19:30	0.0033	0.009	26	0.0252	1.83	61.89	0	16.71	2.15	75.65	984.816	
23/07/2012 20:30	0.0021	0.0046	17	0.0227	2.72	56.28	0	15.32	2.11	81.13	984.454	
23/07/2012 21:30	0.002	0.004	17	0.022	2.53	58.71	0	14.67	1.69	83.69	983.954	
23/07/2012 22:30	0.0025	0.0049	30	0.0227	1.9	80.7	0	14.79	0.8	84.09	983.941	
23/07/2012 23:30	0.0026	0.0044	25	0.0232	1.68	62.42	0	15.24	3.85	83.48	984.433	
24/07/2012 00:30	0.0023	0.0039	17	0.0232	1.68	355.74	0	15.28	3.94	83.59	984.513	
24/07/2012 01:30	0.0021	0.0037	25	0.0218	2.85	309.41	0	15.09	4.11	84.27	984.6	
24/07/2012 02:30	0.0021	0.0036	21	0.0212	2.81	305.88	0	14.95	4.12	84.39	984.442	
24/07/2012 03:30	0.0022	0.0035	18	0.0203	2.26	310.66	0	14.36	4.18	86.42	984.334	
24/07/2012 04:30	0.0022	0.0035	19	0.0198	2.85	301.69	0	13.97	4.26	87.72	983.963	
24/07/2012 05:30	0.0023	0.0034	22	0.0193	2.69	285.99	0	13.81	4.51	89.1	984.145	
24/07/2012 06:30	0.0022	0.0035	27	0.0216	3.45	251.66	0	14.5	4.61	88.18	984.582	
24/07/2012 07:30	0.0026	0.0035	24	0.0172	2.23	239.03	0	13.36	12.67	91.77	984.86	
24/07/2012 08:30	0.0033	0.0035	26	0.017	5.07	213.59	0	13.46	93.68	91.16	985.172	
24/07/2012 09:30	0.0028	0.0036	22	0.0165	6.21	212.92	0	13.28	167.98	90.05	985.701	
24/07/2012 10:30	0.0029	0.0036	20	0.018	4.93	199.35	0	14.17	187.34	87.69	986.586	
24/07/2012 11:30	0.0022	0.0037	29	0.0223	4.14	181.93	0	15.46	550.38	77.9	986.882	
24/07/2012 12:30	0.0021	0.0037	40	0.0266	4.44	200.12	0	16.53	630.27	66.22	987.087	
24/07/2012 13:30	0.002	0.0038	42	0.0286	4.56	191.91	0	16.99	607.1	60.67	986.591	
24/07/2012 14:30	0.0022	0.0038	46	0.0322	4.75	189.58	0	17.14	544.64	45.68	986.687	
24/07/2012 15:30	0.0023	0.0038	53	0.0341	4.98	183.05	0	16.4	407.56	46.15	987.421	
24/07/2012 16:30	0.003	0.0037	61	0.0324	5.78	182.47	0	14.03	226.45	60.7	988.367	
24/07/2012 17:30	0.0038	0.0035	54	0.0252	4.43	186.17	0	11.26	53.12	73.22	989.727	
24/07/2012 18:30	0.0049	0.0035	46	0.0234	2.92	179.85	0	9.83	2.47	75.69	990.735	
24/07/2012 19:30	0.004	0.0034	31	0.022	2.6	179.16	0	8.73	0.9	78.72	991.101	
24/07/2012 20:30	0.0031	0.0034	28	0.0213	3.3	162.44	0	8.12	0.82	81.16	991.85	
24/07/2012 21:30	0.002	0.0033	24	0.0244	4.01	144.67	0	7	4.47	81.96	992.746	

26/07/2012 04:30	0.0019		0.0033		15		0.0299	1.97	264.52	0	5.43	4.56	54.17	986.919
26/07/2012 05:30	0.0016		0.0034		15		0.0293	3.12	212.83	0	5.08	4.66	57.08	987.223
26/07/2012 06:30	0.0021		0.0034		22		0.0287	1.18	316.54	0	4.31	4.82	60.75	987.474
26/07/2012 07:30	0.0028		0.0034		23		0.0279	1.45	303.46	0	3.83	24.81	65.74	987.811
26/07/2012 08:30	0.0032		0.0035		47		0.0291	1.53	288.04	0	5.6	186.62	57.03	988.47
26/07/2012 09:30	0.0021		0.0036		22		0.0275	2.35	315.44	0	6.34	370.07	61.24	989.234
26/07/2012 10:30	0.0017		0.0037		22		0.0257	3.19	315.09	0	8.13	513.25	63.34	989.496
26/07/2012 11:30	0.0017		0.0036		29		0.0277	3.52	316.06	0	10.2	605.14	55.96	989.37
26/07/2012 12:30	0.0016		0.0036		32		0.0306	3.5	308.48	0	12	647.2	47.43	988.969
26/07/2012 13:30	0.0015		0.0036		21		0.0317	3.59	310.98	0	13.52	647.15	42.27	988.061
26/07/2012 14:30	0.0017		0.0036		35		0.0324	3.55	310.51	0	14.57	492.53	39	987.701
26/07/2012 15:30	0.0016		0.0036		40		0.0324	2.75	294.59	0	15.97	416.68	36.03	987.56
26/07/2012 16:30	0.0022		0.0037		54		0.0332	2.93	275.17	0	16.23	223.43	34.54	988.351
26/07/2012 17:30	0.0059		0.0038		83		0.0305	2	258.14	0	14.95	63.02	40.59	988.791
26/07/2012 18:30	0.0088		0.004		219		0.0301	1.99	215.4	0	13.47	1.28	43.73	989.171
26/07/2012 19:30	0.008		0.004		141		0.0334	2.05	216.57	0	13.43	1.69	40.64	989.638
26/07/2012 20:30	0.0078		0.004		132		0.0313	2.3	239.36	0	13.11	3.48	40.27	990.354
26/07/2012 21:30	0.0046		0.004		90		0.0337	2.29	213.99	0	12.49	4.42	42.18	991.015
26/07/2012 22:30	0.0034		0.0036		76		0.0297	4.3	192.57	0	10.4	4.51	54.72	991.516
26/07/2012 23:30	0.002		0.0034		28		0.0243	7.84	154.46	0	6.73	4.45	83.6	991.799
27/07/2012 00:30	0.0016		0.0034		23		0.0244	6.86	143.96	0	6.11	4.36	89.77	992.479
27/07/2012 01:30	0.0014		0.0034		22		0.0256	6.32	141.68	0	6.21	4.53	88.74	993.195
27/07/2012 02:30	0.0013		0.0034		15		0.0262	4.92	146.54	0	6.09	4.47	88.49	993.554
27/07/2012 03:30	0.0012		0.0034		14		0.0285	5.45	150.41	0	5.61	4.5	85.61	994.102
27/07/2012 04:30	0.0012		0.0034		12		0.0292	4.23	125.81	0	5.28	4.53	83.48	993.893
27/07/2012 05:30	0.0012		0.0034		16		0.0269	3.66	132.65	0	4.22	4.72	87.76	993.403
27/07/2012 06:30	0.0012		0.0034		21		0.0255	3.74	152.04	0	4.28	4.94	87.94	994.229
27/07/2012 07:30	0.0012		0.0034		17		0.0266	3.74	139.31	0	4.28	10.89	85.77	994.39
27/07/2012 08:30	0.0012		0.0034		18		0.028	3.9	112.17	0	4.61	63.88	84.35	994.508
27/07/2012 09:30	0.0011		0.0034		24		0.0282	4.41	92.33	0	4.9	158.95	83.23	994.76
27/07/2012 10:30	0.0012		0.0034		16		0.0276	3.59	83.57	0	5.8	290.69	80.9	995.134
27/07/2012 11:30	0.0011		0.0034		22		0.0285	3.15	87.28	0	7.24	590.59	75	994.714
27/07/2012 12:30	0.0011		0.0034		22		0.0296	2.93	82.76	0	8.95	685.31	67.77	993.656
27/07/2012 13:30	0.0012		0.0034		20		0.0297	2.51	79.09	0	10.61	663.09	61.78	992.579
27/07/2012 14:30	0.0012		0.0034		25		0.0296	2.24	89.21	0	11.83	572.67	57.8	992.211
27/07/2012 15:30	0.0012		0.0034		21		0.0296	1.72	90.75	0	12.95	432.26	53.75	992.067
27/07/2012 16:30	0.0013		0.0034		26		0.0294	1.84	79.65	0	12.91	253.3	55.07	991.903
27/07/2012 17:30	0.002		0.0035		52		0.0281	1.95	112.18	0	11.92	68.92	58.91	991.863
27/07/2012 18:30	0.003		0.0035		62		0.0275	2.5	125.83	0	10.66	2.72	61.87	991.777
27/07/2012 19:30	0.0034		0.0036		48		0.029	2.78	142.14	0	10.73	4.25	61.5	992.17
27/07/2012 20:30	0.0037		0.0035		47		0.0295	3.04	141.18	0	10.31	4.69	62.11	992.117
27/07/2012 21:30	0.0024		0.0035		39		0.0281	2.31	106.54	0	9.06	4.68	67.25	992.18
27/07/2012 22:30	0.0025		0.0034		29		0.026	2.17	81.94	0	7.88	4.68	75.58	991.802
27/07/2012 23:30	0.0025		0.0035		30		0.0243	2.29	68.99	0	7.81	4.58	77.64	991.824
28/07/2012 00:30	0.0021		0.0036		28		0.0249	2.35	59.1	0	7.72	4.51	79.4	991.717
28/07/2012 01:30	0.0018		0.0035		29		0.0237	2.21	39.04	0	7.36	4.51	83.75	991.68
28/07/2012 02:30	0.0018		0.0035		25		0.022	1.49	26.14	0	6.52	4.5	87.48	991.1
28/07/2012 03:30	0.0019		0.0034		24		0.0212	1.3	8.28	0	6.08	4.6	89.73	990.825
28/07/2012 04:30	0.0017		0.0035		25		0.0212	1.67	338.51	0	6.31	4.6	89.95	990.625
28/07/2012 05:30	0.0017		0.0035		27		0.0218	1.16	0.71	0	6.25	4.73	90.7	990.493
28/07/2012 06:30	0.0018		0.0035		20		0.0227	1.17	17.35	0	6.28	4.91	91.13	990.605
28/07/2012 07:30	0.0019		0.0035		30		0.0228	1.56	30.71	0	6.2	28.09	92.1	990.746
28/07/2012 08:30	0.0018		0.0035		24		0.0229	1.44	22.82	0	7.07	195.62	89.15	990.947
28/07/2012 09:30	0.002		0.0036		30		0.0261	2.01	15.85	0	8.97	378.28	83.48	991.065
28/07/2012 10:30	0.002		0.0038		26		0.0275	2.59	6.26	0	10.41	456.81	76.61	991.095
28/07/2012 11:30	0.0019		0.0038		26		0.0289	1.95	12.23	0	12.6	553.51	65.52	990.32
28/07/2012 12:30	0.0016		0.0038		21		0.0338	2.71	57.01	0	14.99	623.06	49.49	988.635
28/07/2012 13:30	0.0016		0.0038		18		0.0367	3.42	50.51	0	16.09	482.56	39.61	987.098
28/07/2012 14:30	0.0016		0.0039		19		0.0387	3.79	51.67	0	17.04	471.77	33.89	985.792
28/07/2012 15:30	0.0027		0.014		36		0.0451	4.12	53.62	0	17.44	372.28	33.8	984.805
28/07/2012 16:30	0.0028		0.0162		34		0.0421	3.66	39.09	0	17.08	203.45	32.81	984.266
28/07/2012 17:30	0.0021		0.0054		24		0.0367	2.55	28.34	0	15.38	37.39	36.21	984.184
28/07/2012 18:30	0.0028		0.0041		52		0.0341	2.06	57.24	0	14.17	3.65	43.45	983.934
28/07/2012 19:30	0.0034		0.004		50		0.0375	2.11	85.15	0	13.6	2.41	41.48	983.707
28/07/2012 20:30	0.0044		0.0068		52		0.0362	3.33	97.03	0	13.58	3.73	44.33	982.743
28/07/2012 21:30	0.0033		0.0047		34		0.0331	3.65	104.47	0	12.89	4.42	52.02	982.578
28/07/2012 22:30	0.0028		0.0039		37		0.0329	3.02	95.16	0.4	12.68	4.48	55.34	982.39
28/07/2012 23:30	0.0028		0.0042	IU	985		0.0302	1.57	47.23	1.2	10.94	4.16	67.75	982.429
29/07/2012 00:30	0.0045		0.0042	IU	985		0.027	1.69	157.16	0.4	10.16	3.76	80.56	982.177
29/07/2012 01:30	0.0054		0.0038	IU	985		0.0225	3.96	202.85	0	9.35	3.47	82.21	982.271
29/07/2012 02:30	0.0051		0.0037	IU	985		0.0252	2.61	195.49	0	9.11	3.45	87.67	982.523
29/07/2012 03:30	0.0046		0.0036	IU	985		0.0262	0.96	229.91	0	9.83	3.67	91.52	982.555
29/07/2012 04:30	0.0032		0.0035	IU	985		0.0194	1.21	152.09	0	9.23	4.66	93.13	982.944
29/07/2012 05:30	0.0022		0.0035		18		0.0261	2.41	218.3	0	9.74	5.06	91.89	983.553
29/07/2012 06:30	0.0024		0.0034		16		0.0209	2.34	246.87	0	8.31	5.1	96.1	984.497
29/07/2012 07:30	0.0022		0.0034		18		0.0294	2.47	248.42	0	8.17	25.49	97.36	985.159
29/07/2012 08:30	0.002		0.0035		16		0.0296	3.5	237.96	0	9.19	184.82	93.57	985.827
29/07/2012 09:30	0.0021		0.0036		18		0.0257	4.89	228.37	0	10.6	336.65	78.46	986.065
29/07/2012 10:30	0.0023		0.0039		27		0.0252	4.95	209.97	0	11.34	484.85	73.24	986.459
29/07/2012 11:30	0.0032		0.0049		48		0.0332	3.76	194.54	0	13.95	580.68	62.47	988.218
29/07/2012 12:30	0.003		0.0043		52		0.0351	5.33	185.29	0	14.44	603.14	58.98	989.548
29/07/2012 13:30	0.0022		0.0038		50		0.0345	4.96	171.64	0	14.05	628.43	49.06	989.995
29/07/2012 14:30	0.002		0.0036		57		0.0348	4.61	165.41	0	14.74	554.48	41.63	990.276
29/07/2012 15:30	0.002		0.0035		78		0.0343	4.1	185.68	0	14.92	422.38	37.61	991.072
29/07/2012 16:30	0.0022		0.0036		75		0.0332	3.81	173.81	0	14.24	242.79	40.64	992.12
29/07/2012 17:30	0.0025		0.0036		40		0.0316							

31/07/2012 07:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 08:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 09:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 10:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 11:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 12:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 13:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 14:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 15:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 16:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 17:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 18:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 19:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 20:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 21:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 22:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791
31/07/2012 23:30	0,0015	0,0035	18	0,025	7,55	112,87	0	6,04	4,51	90,65	1000,791