

Data de Medição	Eletrobras CGTEE																					
	Estação 5 - Açuá																					
	Qualidade do Ar								Meteorologia													
	Ar Ambiente								Clima e Meteorologia													
	Dióxido de Nitrogênio		Dióxido de Enxofre		Partículas Inaláveis (<10µm)		Ozônio		Velocidade Escalar do Vento		Direção Escalar do Vento		Precipitação Pluviométrica		Temperatura		Radiação Solar Global		Umidade Relativa		Pressão Atmosférica	
Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		
Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		
Data	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [µg/m3]	Flag	Valor [ppm]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [°C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
01/08/2012 00:30	0.0014		0.0038		7		0.0236		4,69		35,02		0		13,31		4,62		96,7		992,302	
01/08/2012 01:30	0.0015		0.0037		6		0.0223		3,72		32,25		0		13,52		4,5		96,42		992,033	
01/08/2012 02:30	0.0016		0.0036		5		0.021		3,82		21,42		0		13,75		4,69		96,68		991,528	
01/08/2012 03:30	0.0018		0.0035		6		0.0206		4,5		17,35		0		14,46		4,67		95,35		990,998	
01/08/2012 04:30	0.0019		0.0035		8		0.02		4,48		12,11		0		14,82		4,66		93,52		990,471	
01/08/2012 05:30	0.0019		0.0035		9		0.0188		3,2		1,61		2		14,8		4,84		93,92		990,535	
01/08/2012 06:30	0.0021		0.0035		11		0.0176		2,62		0,35		0		14,69		4,72		94,8		990,818	
01/08/2012 07:30	0.0023		0.0035		9		0.0175		1,87		332,02		0,2		14,69		13,27		94,58		991,131	
01/08/2012 08:30	0.0024		0.0035		17		0.0177		1,78		326,71		0		14,95		46,96		93,02		991,446	
01/08/2012 09:30	0.0021		0.0035		15		0.0166		2,04		330,3		0		15,58		177,69		91,53		991,703	
01/08/2012 10:30	0.0018		0.0035		11		0.0174		1,96		334,57		0		16,64		358,48		87,75		991,552	
01/08/2012 11:30	0.0021		0.0035		12		0.0191		3,17		347,84		0		17,52		282,73		84,34		991,185	
01/08/2012 12:30	0.0016		0.0036		13		0.0214		3,39		341,63		0		18,52		514,53		80,85		990,181	
01/08/2012 13:30	0.0016		0.0036		13		0.0241		3,35		332,27		0		20,17		592,76		76,68		988,807	
01/08/2012 14:30	0.0021		0.0036		13		0.0258		3,32		329,48		0		21,03		416,24		75,21		988,079	
01/08/2012 15:30	0.0019		0.0037		19		0.0311		3,85		322,72		0		21,69		142,11		71,6		987,634	
01/08/2012 16:30	0.0032		0.0037		21		0.0308		3,53		289,13		0		21,25		52,74		73,39		987,643	
01/08/2012 17:30	0.0031		0.0037		26		0.0281		1,7		311,97		0		20,49		18,04		77,37		987,628	
01/08/2012 18:30	0.0027		0.0037		22		0.0289		1,15		7,8		0		20,33		2,56		77,68		987,769	
01/08/2012 19:30	0.0023		0.0036		18		0.0249		1,75		47,32		0		19,57		1,84		80,54		987,875	
01/08/2012 20:30	0.0022		0.0036		18		0.0243		2,07		43,51		0		19,15		2,05		81,22		988,172	
01/08/2012 21:30	0.0022		0.0036		23		0.0277		2,15		25,4		0		18,83		0,79		80,49		988,213	
01/08/2012 22:30	0.0021		0.0036		16		0.0275		2,09		48,33		0		18,31		0,41		82,52		988,079	
01/08/2012 23:30	0.0022		0.0036		20		0.0266		2,4		27,07		0		17,73		0,13		85,53		988,065	
02/08/2012 00:30	0.0022		0.0036		15		0.0255		2,29		14,43		0		17,11		0,78		88,15		988,113	
02/08/2012 01:30	0.0022		0.0036		19		0.0258		2,07		19,17		0		16,92		0,43		87,94		987,98	
02/08/2012 02:30	0.0022		0.0036		18		0.027		1,98		14,3		0		16,83		0,43		87,11		987,774	
02/08/2012 03:30	0.0022		0.0036		18		0.0281		2,17		6,21		0		16,87		0,47		85,68		987,669	
02/08/2012 04:30	0.0021		0.0036		23		0.0286		1,8		13,06		0		16,71		0,23		85,55		987,414	
02/08/2012 05:30	0.0021		0.0036		22		0.0276		1,8		9,56		0		16,2		1,54		87,05		987,136	
02/08/2012 06:30	0.0021		0.0036		27		0.0277		1,32		5,61		0		15,83		2,17		87,56		987,287	
02/08/2012 07:30	0.0021		0.0036		985	IU	0.0279		1,36		21,41		0		15,91		23,22		86,03		987,791	
02/08/2012 08:30	0.0021		0.0036		985	IU	0.0268		1,6		23,96		0		16,83		159,85		82,05		987,916	
02/08/2012 09:30	0.0021		0.0036		985	IU	0.0278		2,25		8,73		0		18,19		308,33		77,87		988,025	
02/08/2012 10:30	0.0025	IU	0.0036		985	IU	0.0292	IU	3,45		5,47		0,2		20,1		514,46		71,71		987,885	
02/08/2012 11:30	0.0022		0.0028	IU	6	IU	0.0367		4,66		345,8		0		22,5		564,97		60,96		987,455	
02/08/2012 12:30	0.002		0.0015		8	IU	0.0409		5,42		333,79		0		23,88		562,74		54,05		986,512	
02/08/2012 13:30	0.002		0.0014		8	IU	0.0441		5,73		335,74		0		25,14		528,89		48,89		985,372	
02/08/2012 14:30	0.0022		0.0013		985	IU	0.043		5,5		339,74		0		25,55		469,92		46,98		984,504	
02/08/2012 15:30	0.0019		0.0014		4	IU	0.0454		4,99		352,67		1	IU	25,87		353,17		45,93		983,892	
02/08/2012 16:30	0.0026		0.0014		985	IU	0.042		3,6		347,48		0		25,87		216,37		47,24		983,543	
02/08/2012 17:30	0.0108		0.0016		39		0.0315		2,16		353		0		24,52		55,33		52,45		983,446	
02/08/2012 18:30	0.0022		0.0013		29		0.0372		2,43		14,17		0		23,31		3,53		57,22		983,608	
02/08/2012 19:30	0.002		0.0013		31		0.035		2,68		44,03		0		21,96		2,61		62,52		983,856	
02/08/2012 20:30	0.0022		0.0013		28		0.0326		2,8		53,68		0		20,24		2,17		69,86		984,017	
02/08/2012 21:30	0.0022		0.0014		27		0.0328		2,79		41,94		0		19,45		1,93		72,75		984,356	
02/08/2012 22:30	0.0021		0.0014		24		0.0327		2,12		22,42		0		18,99		1,59		75,46		984,863	
02/08/2012 23:30	0.002		0.0014		31		0.0336		2,7		14,8		0		19,15		2,77		75,85		985,001	
03/08/2012 00:30	0.002		0.0013		26		0.0324		2,73		18,47		0		18,69		4,34		78,19		985,09	
03/08/2012 01:30	0.0021		0.0013		23		0.0322		2,59		16,98		0		18,41		4,51		79,71		985,12	
03/08/2012 02:30	0.0021		0.0013		26		0.0312		2,58		17,69		0		17,99		4,48		81,32		985,076	
03/08/2012 03:30	0.0021		0.0013		23		0.0304		2,15		32,45		0		17,62		4,52		82,25		984,777	
03/08/2012 04:30	0.0021		0.0013		26		0.0296		1,77		46,88		0		17,24		4,57		82,95		984,127	
03/08/2012 05:30	0.0021		0.0013		23		0.0303		2,36		28,27		0		17,65		4,81		79,33		983,882	
03/08/2012 06:30	0.002		0.0013		31		0.031		2,5		19,63		0		18,08		3,63		75,68		983,879	
03/08/2012 07:30	0.0021		0.0013		24		0.0292		2,47		18,83		0		17,65		7,08		77,32		983,991	
03/08/2012 08:30	0.0022		0.0013		29		0.0271		2,06		22,12		0		17,4		26,32		78,26		984,267	
03/08/2012 09:30	0.0022		0.0013		31		0.0262		2,51		4,36		0		18,23		108,95		74,88		984,499	
03/08/2012 10:30	0.0023		0.0013		30		0.0249		2,43		357,54		0		19,31		138,05		71,88		984,608	
03/08/2012 11:30	0.0029		0.0014		37		0.0259		3,54		337,13		0		21,46		278,69		64,61		984,187	
03/08/2012 12:30	0.002		0.0013		29		0.0302		3,4		332,36		0		23,26		175,61		55,81		983,325	
03/08/2012 13:30	0.0018		0.0013		28		0.0316		4,83		343,53		0		24,04		252,23		52,96		982,429	
03/08/2012 14:30	0.0025		0.0013		50		0.0319		5,39		335,49		0		24,76		222,95		51,4		981,874	
03/08/2012 15:30	0.0024		0.0013		28		0.0318		4,43		333,71		0		24,19		151,31		54,39		981,748	
03/08/2012 16:30	0.0024		0.0013		24		0.0316		2,81		3											

05/08/2012 16:30	0.0013		0.0012	6		0.0252	4.27	120.69	0		15.2	303.56		64		994.555
05/08/2012 17:30	0.0015		0.0013	7		0.0232	3.71	110.06	0		13.76	84.5		71.08		994.637
05/08/2012 18:30	0.0015		0.0012	8		0.0226	4.28	127.29	0		11.75	3.7		7.91		994.766
05/08/2012 19:30	0.0015		0.0012	6		0.0229	4.51	127.08	0		10.88	4.63		80		994.808
05/08/2012 20:30	0.0015		0.0012	8		0.0235	4.72	115.23	0		10.8	4.63		79.04		994.79
05/08/2012 21:30	0.0019		0.0013	12		0.0229	3.8	108.05	0		10.18	4.58		81.6		994.907
05/08/2012 22:30	0.002		0.0013	18		0.0228	3.32	106.47	0		9.84	4.55		79.78		994.853
05/08/2012 23:30	0.0017		0.0012	14		0.0228	2.63	107.61	0		9.38	4.46		78.97		994.793
06/08/2012 00:30	0.0013		0.0013	9		0.0239	3.11	115.01	0		9.69	4.43		73.42		994.681
06/08/2012 01:30	0.0013		0.0013	155	IU	0.0264	2.68	110.8	0		9.77	4.39		66.55		994.505
06/08/2012 02:30	0.0013		0.0013	12		0.0269	2.47	108.29	0		9.71	4.42		63.89		994.214
06/08/2012 03:30	0.0012		0.0013	47	IU	0.0275	2.47	108.18	0		9.71	4.48		60.53		993.723
06/08/2012 04:30	0.0011		0.0013	13		0.0282	2.64	109.02	0		9.82	4.53		58.09		993.15
06/08/2012 05:30	0.0011		0.0012	10		0.0267	3.14	114.9	0		8.78	4.72		65.38		992.986
06/08/2012 06:30	0.0011		0.0012	10		0.0261	3.24	117.26	0		8.52	4.96		68.77		993.235
06/08/2012 07:30	0.0011		0.0012	10		0.0264	3.9	121.82	0		8.83	25.85		68.81		993.67
06/08/2012 08:30	0.0013		0.0012	11		0.0253	3.69	111.57	0		9.16	142.67		74.32		994.198
06/08/2012 09:30	0.0012		0.0013	13		0.0242	4.69	97.32	0		10.28	394.37		76.27		994.253
06/08/2012 10:30	0.0011		0.0013	6		0.0246	5.46	87.67	0		11.6	523.87		70.69		994.109
06/08/2012 11:30	0.0012		0.0012	3		0.0235	5.5	87.65	0		12.88	645.12		67.22		993.506
06/08/2012 12:30	0.0012		0.0012	4		0.0251	5.38	91.13	0		15.26	654.72		57.39		992.629
06/08/2012 13:30	0.0011		0.0012	5		0.0272	5.47	77.99	0		16.87	664.63		46.83		991.201
06/08/2012 14:30	0.0012		0.0012	8		0.0273	5.35	84.06	0		17.81	597.71		46.19		990.224
06/08/2012 15:30	0.0012		0.0013	7		0.0274	5.09	78.62	0		18.19	441.48		46.98		989.636
06/08/2012 16:30	0.0013		0.0012	6		0.0266	5.16	90.68	0		17.83	245.33		50.56		989.35
06/08/2012 17:30	0.0015		0.0012	11		0.0249	4.87	100.87	0		16.32	75.1		60.54		989.43
06/08/2012 18:30	0.0022		0.0018	985	IU	0.0232	5.2	108.68	0		14.25	2.34		71.89		989.817
06/08/2012 19:30	0.002		0.0013	19		0.0237	5.99	95.92	0		13.28	1.77		78.75		989.646
06/08/2012 20:30	0.0018		0.0012	16		0.023	6.27	87.96	0		12.14	3.2		83.62		989.399
06/08/2012 21:30	0.0015		0.0012	16		0.0213	5.15	84.23	0		11.39	4.7		86.72		989.381
06/08/2012 22:30	0.0015		0.0012	15		0.0197	4.48	83.25	0		10.87	4.84		88.44		989.305
06/08/2012 23:30	0.0016		0.0012	15		0.019	5.01	79.03	0		10.61	4.92		88.03		988.694
07/08/2012 00:30	0.0019		0.0012	9		0.0185	4.77	75.1	0		10.44	5.02		87.22		988.959
07/08/2012 01:30	0.002		0.0012	16		0.0185	5.1	80.94	0		10.16	4.86		89.34		989.026
07/08/2012 02:30	0.0015		0.0012	9		0.0194	5.05	82.33	0		10.35	4.91		89.5		989.159
07/08/2012 03:30	0.0013		0.0012	9		0.0186	5.73	86.73	0		10.19	4.8		91.22		988.632
07/08/2012 04:30	0.0013		0.0012	3		0.0183	5.44	82.2	0		10.16	4.85		92.5		988.195
07/08/2012 05:30	0.0013		0.0012	0		0.0173	4.53	80.76	0		9.97	4.98		94.61		988.106
07/08/2012 06:30	0.0015		0.0013	5		0.0173	4.01	81.14	0		10.38	5.19		93.92		988.236
07/08/2012 07:30	0.0017		0.0014	6		0.0178	4.1	72.95	0		10.75	16.98		91.81		988.193
07/08/2012 08:30	0.0028		0.0024	106	IU	0.0167	4.24	72.96	0		11.38	118.15		90.04		988.08
07/08/2012 09:30	0.0028		0.0046	6		0.0165	4.59	68.38	0		12.77	345.59		86.65		987.928
07/08/2012 10:30	0.0027		0.0067	10		0.0188	5.21	50.2	0		15.07	465.24		79.15		987.885
07/08/2012 11:30	0.0016		0.0023	17		0.0234	5.09	48.35	0		17.62	583.13		69.8		987.555
07/08/2012 12:30	0.0016		0.0016	19		0.0261	5.3	46.63	0		19.85	632.79		63.76		986.847
07/08/2012 13:30	0.0017		0.0014	24		0.0273	4.72	30.29	0		21.52	616.96		61.19		986.248
07/08/2012 14:30	0.0017		0.0014	28		0.0297	4.77	23.01	0		22.75	453.54		59.51		985.381
07/08/2012 15:30	0.0017		0.0014	26		0.0322	4.78	25.29	0		23.37	412.44		58.41		984.987
07/08/2012 16:30	0.0017		0.0014	19		0.0303	4.24	43.22	0		23.28	225.77		60.82		984.721
07/08/2012 17:30	0.0019		0.0014	20		0.0274	3.9	58.45	0		21.78	81.04		65.66		984.834
07/08/2012 18:30	0.0037		0.0037	27		0.0234	3.85	67.22	0		20.02	4.29		71.8		985.376
07/08/2012 19:30	0.0042		0.0056	34		0.0212	3.53	74.94	0		18.86	2.64		75.03		985.867
07/08/2012 20:30	0.0057		0.0127	33		0.0187	3.37	67.99	0		18.04	2.67		77.33		986.605
07/08/2012 21:30	0.0038		0.0081	30		0.0211	4.32	61.13	0		17.61	3.34		77.55		986.988
07/08/2012 22:30	0.0031		0.0054	25		0.022	3.66	63.88	0		17.13	4.39		77.7		987.668
07/08/2012 23:30	0.0023		0.0025	27		0.0232	3.37	63.06	0		16.68	4.51		77.5		988.066
08/08/2012 00:30	0.0022		0.0018	26		0.0239	3.55	59.23	0		16.48	4.64		76.19		987.912
08/08/2012 01:30	0.0022		0.0017	27		0.0241	3.74	65.52	0		16.31	4.59		74.32		987.72
08/08/2012 02:30	0.0022		0.0016	24		0.0238	3.45	71.52	0		15.95	4.46		73.54		987.215
08/08/2012 03:30	0.0022		0.0016	24		0.024	3.51	57.88	0		15.99	4.51		71.38		986.848
08/08/2012 04:30	0.0022		0.0015	25		0.0227	3.34	47.31	0		15.38	4.58		73.66		986.289
08/08/2012 05:30	0.0022		0.0014	26		0.0225	3.36	42.39	0		15.32	4.86		73.58		985.814
08/08/2012 06:30	0.0023		0.0014	179	IU	0.0219	3.3	40.27	0		15.19	5.09		74.41		985.858
08/08/2012 07:30	0.0024		0.0014	28		0.0209	3.74	29.86	0		14.91	24.63		75.78		985.782
08/08/2012 08:30	0.0026		0.0015	36		0.0214	3.77	11.95	0		16.22	170.28		71.52		986.42
08/08/2012 09:30	0.0029		0.0015	33		0.0233	5.2	9.01	0		18.22	324.98		65.82		987.012
08/08/2012 10:30	0.0029		0.0015	38		0.0255	4.6	4.32	0		19.51	263.33		63.57		987.476
08/08/2012 11:30	0.0027		0.0015	35		0.0304	5.34	0.16	0		21.2	423.57		58.47		987.07
08/08/2012 12:30	0.0024		0.0015	41		0.0335	4.73	338.01	0		22.35	217		57.53		986.654
08/08/2012 13:30	0.0024		0.0014	37		0.0329	4.81	307.19	0		22.09	322.12		60.36		985.922
08/08/2012 14:30	0.0026		0.0014	53		0.0317	4.59	303.09	0		21.54	366.23		63.76		985.217
08/08/2012 15:30	0.0027		0.0014	39		0.0309	3.93	310.88	0		20.83	165.39		67.67		985.023
08/08/2012 16:30	0.003		0.0014	33		0.0309	3.73	318.17	0		20.63	96.65		69.87		984.933
08/08/2012 17:30	0.0031		0.0015	40		0.0295	4.07	301.2	0		20.17	15.28		73		985.135
08/08/2012 18:30	0.003		0.0014	45		0.0271	5.17	269.6	0		18.79	0.51		75.4		985.413
08/08/2012 19:30	0.0039		0.0015	20		0.0187	5.57	228.28	0.2		14.85	1.59		81.43		985.974
08/08/2012 20:30	0.0025		0.0014	14		0.0201	4.8	230.34	0.6		14.05	3.9		76.48		986.498
08/08/2012 21:30	0.0022		0.0013	9		0.0177	4.18	238.61	0.4		13.32	4.16		84.78		987.008
08/08/2012 22:30	0.0023		0.0013	7		0.0177	4.53	246.35	0		13.68	4.33		82.02		987.519
08/08/2012 23:30	0.0021		0.0012	10		0.0183	3.43	262.48	0		13.66	4.41		80.42		987.547
09/08/2012 00:30	0.0022		0.0012	11		0.0166	2.14	279.06	0		12.67	4.51		83.27		987.533
09/08/2012 01:30	0.															

10/08/2012 19:30	0.0023		0.0031		37		0.0317	3.81	120.61	0	19.02	0.89	64.65	988.977
10/08/2012 20:30	0.0026		0.0024		985	IU	0.0295	3.76	96.69	0	17.99	1.02	70.21	988.888
10/08/2012 21:30	0.0025		0.0022		30		0.0292	3.83	95.03	0	17.05	1.06	75.17	988.842
10/08/2012 22:30	0.0024		0.0018		35		0.0286	3.97	92.32	0	16.83	1.89	77.56	988.835
10/08/2012 23:30	0.0035		0.0019		30		0.0268	3.73	86.47	0	16.75	3.67	77.83	988.887
11/08/2012 00:30	0.004		0.002		25		0.0242	3.3	87.46	0	16.08	4.44	80.4	988.944
11/08/2012 01:30	0.0033		0.0022		30		0.0248	2.84	74.25	0	15.74	4.43	80.98	988.644
11/08/2012 02:30	0.0032		0.0031		38		0.0248	2.98	75.24	0	15.5	4.5	81.44	988.141
11/08/2012 03:30	0.0033		0.0035		39		0.0256	3.16	77.91	0	15.6	4.47	81.35	987.631
11/08/2012 04:30	0.003		0.0035		40		0.0266	3.07	77.65	0	15.59	4.54	81.69	987.198
11/08/2012 05:30	0.0031		0.0036		38		0.0273	2.66	80.9	0	15.48	4.74	82.14	987.126
11/08/2012 06:30	0.0029		0.0031		42		0.0273	2.33	71.96	0	15.3	4.97	83.68	987.352
11/08/2012 07:30	0.0026		0.0022		38		0.0295	1.81	71.96	0	16.19	36.47	81.57	987.647
11/08/2012 08:30	0.0024		0.0018		42		0.0315	2.31	69.38	0	17.82	188.8	77.09	987.77
11/08/2012 09:30	0.0022		0.0017		40		0.0324	3.06	39.02	0	19.12	364.85	74.1	987.664
11/08/2012 10:30	0.0021		0.0016		41		0.0328	3.54	23.98	0	21.34	523.97	70.23	987.199
11/08/2012 11:30	0.0023		0.0016		50		0.0393	4.6	6.58	0	25.14	611.98	59.08	986.383
11/08/2012 12:30	0.0023		0.0016		52		0.0445	6.6	356.16	0	27.28	642.56	49.67	985.492
11/08/2012 13:30	0.002		0.0015		50		0.0466	6.89	354.44	0	27.69	623.98	44.11	984.327
11/08/2012 14:30	0.0019		0.0015		43		0.0496	6.24	353.24	0	28.46	540.99	40.09	983.387
11/08/2012 15:30	0.0019		0.0015		41		0.0511	6.79	348.35	0	28.64	413.82	36.73	982.784
11/08/2012 16:30	0.0018		0.0014		38		0.0495	5.72	353.55	0	28.14	245.82	38.38	982.348
11/08/2012 17:30	0.0022		0.0015		40		0.0461	3.82	357.9	0	26.24	76.83	44.75	982.457
11/08/2012 18:30	0.0025		0.0015		42		0.0451	2.47	3.65	0	24.1	4.15	51.04	982.828
11/08/2012 19:30	0.0023		0.0014		38		0.0407	2.89	32.27	0	22.68	2.87	57.65	983.019
11/08/2012 20:30	0.0024		0.0015		34		0.0397	3.43	28.91	0	21.6	2.46	62.49	982.989
11/08/2012 21:30	0.0023		0.0014		38		0.0382	4.07	19.8	0	20.83	3	67.15	982.98
11/08/2012 22:30	0.0023		0.0015		36		0.0361	3.5	11.47	0	19.99	3.87	71.66	983.575
11/08/2012 23:30	0.0023		0.0015		44		0.0353	3.6	16.59	0	19.55	4.45	76.72	983.578
12/08/2012 00:30	0.0023		0.0015		40		0.0364	2.65	36.16	0	19.64	4.53	77.92	983.393
12/08/2012 01:30	0.0024		0.0015		39		0.0349	2.98	40.1	0	19.1	4.56	80.52	982.73
12/08/2012 02:30	0.0023		0.0015		40		0.0336	3.03	17.49	0	18.61	4.24	81.18	981.643
12/08/2012 03:30	0.0024		0.0015		45		0.0338	2.47	25.25	0	18.76	4.5	76.16	981.161
12/08/2012 04:30	0.0023		0.0015		34		0.038	2.61	5.84	0	19.74	4.54	67.04	980.848
12/08/2012 05:30	0.0022		0.0015		40		0.0388	2.36	1.06	0	19.87	4.7	64.91	980.817
12/08/2012 06:30	0.0024		0.0015		45		0.0384	2.97	342.36	0.2	19.98	3.11	64.46	981.221
12/08/2012 07:30	0.0025		0.0015		43		0.0396	4.34	312.54	0	20.68	4.07	61.79	982.315
12/08/2012 08:30	0.0028		0.0016		52		0.0371	4.83	230.32	0	19.99	56.94	68.39	984.469
12/08/2012 09:30	0.0025		0.0015		34		0.0339	5.24	185.24	0	18.46	73	78.1	985.39
12/08/2012 10:30	0.0023		0.0014		21		0.0347	5.4	153.09	0	17.98	155.83	77.36	985.915
12/08/2012 11:30	0.0021		0.0014		25		0.0327	5.65	127.75	0	18.3	173.16	77.8	985.734
12/08/2012 12:30	0.0022		0.0014		16		0.0313	4.71	131.34	0	17.73	59.31	81.79	986.425
12/08/2012 13:30	0.0021		0.0013		9		0.0291	5.29	159.38	1.4	15.83	18.53	90.23	987.505
12/08/2012 14:30	0.002		0.0013		10		0.0312	4.27	131.68	2.8	14.9	11.33	93.36	987.148
12/08/2012 15:30	0.002		0.0013		12		0.0292	2.73	98.5	5.6	14.76	14.4	95.77	987.483
12/08/2012 16:30	0.0018		0.0013		985	IU	0.0281	3.03	72.35	1.8	14.66	20.09	96.66	988.148
12/08/2012 17:30	0.0017		0.0013		985	IU	0.0291	2.5	43.72	1.4	14.45	7.24	96.92	989.166
12/08/2012 18:30	0.0016		0.0013		7		0.029	2.58	54.22	0	14.23	3.26	97.16	989.232
12/08/2012 19:30	0.0021		0.0013		5		0.0305	3.29	16.98	1.8	13.97	3.61	97.26	989.766
12/08/2012 20:30	0.0033		0.0016		7		0.0293	3.24	22.86	0.4	13.86	4.46	97.06	989.85
12/08/2012 21:30	0.0031		0.0021		9		0.0298	3.61	339.86	0.2	13.93	4.3	97.11	990.922
12/08/2012 22:30	0.0023		0.0018		9		0.03	2.83	24.07	0.2	13.9	4.46	96	990.729
12/08/2012 23:30	0.0024		0.0018		985	IU	0.0305	2.1	290.08	0.6	14.07	4.27	92.05	991.753
13/08/2012 00:30	0.0019		0.0015		5		0.0289	2.16	306.07	0	14	4.16	93.67	992.724
13/08/2012 01:30	0.0018		0.0014		5		0.0305	2.19	281.97	0.2	13.9	4.29	94.69	992.89
13/08/2012 02:30	0.0017		0.0013		4		0.0274	2.16	272.74	0	13.82	4.38	96.32	993.272
13/08/2012 03:30	0.0016		0.0013		6		0.015	4.45	158.57	0	12.67	4.43	97.14	993.419
13/08/2012 04:30	0.0016		0.0013		8		0.0169	4.32	163.45	0.2	12.03	4.51	97.58	994.821
13/08/2012 05:30	0.0016		0.0013		7		0.0224	4.46	173.53	0.2	10.88	4.74	97.27	996.423
13/08/2012 06:30	0.0017		0.0013		9		0.022	4.94	167.11	0	9.85	4.91	94.24	997.225
13/08/2012 07:30	0.0017		0.0013		15		0.0223	6.07	152.94	0	8.62	27.78	89.55	997.994
13/08/2012 08:30	0.0013		0.0013		14		0.0238	5.82	134.45	0	8.15	158.59	77.03	998.431
13/08/2012 09:30	0.0014		0.0013		12		0.0246	6.17	105.21	0	8.59	214.04	72.55	998.162
13/08/2012 10:30	0.0013		0.0013		10		0.0241	6	100.2	0	10.22	577.99	72.56	998.902
13/08/2012 11:30	0.0012		0.0013		8		0.0256	4.92	81.87	0	12.45	725.05	61.78	999.261
13/08/2012 12:30	0.0012		0.0013		5		0.0267	4.54	79.13	0	14.4	763.07	53.5	998.771
13/08/2012 13:30	0.0012		0.0014		5		0.0282	4.68	76.7	0	15.91	740.24	42.52	997.783
13/08/2012 14:30	0.0012		0.0014		-15	IR	0.0287	4.63	64.6	0	17.2	651.56	38.95	997.051
13/08/2012 15:30	0.0013		0.0014		8		0.0302	4.62	66.01	0	18.33	508.08	31.74	996.565
13/08/2012 16:30	0.0012		0.0014		15		0.0306	3.24	61.27	0	18.6	314.73	30.56	996.605
13/08/2012 17:30	0.0015		0.0014		6		0.0285	2.71	85.06	0	17.79	107.4	34.1	996.721
13/08/2012 18:30	0.0017		0.0013		8		0.0268	4.65	125.91	0	14.94	3.97	47.16	996.446
13/08/2012 19:30	0.0017		0.0014		12		0.0266	6.08	115.18	0	13.11	2.11	55.4	996.08
13/08/2012 20:30	0.0018		0.0014		19		0.0245	5.97	109.06	0	11.11	2.03	68.24	996.02
13/08/2012 21:30	0.0018		0.0014		23		0.0254	6.65	103.58	0	10.36	4.16	74.4	995.973
13/08/2012 22:30	0.0022		0.0016		17		0.0254	6.89	96.84	0	9.54	4.81	76.95	995.7
13/08/2012 23:30	0.0021		0.0014		11		0.0247	6.49	101.8	0	8.97	4.83	82.51	995.376
14/08/2012 00:30	0.0017		0.0013		115	IU	0.0239	6.87	86.28	0	8.48	4.85	88.25	995.033
14/08/2012 01:30	0.0015		0.0013		13		0.0244	6.07	60.55	0	8.84	4.83	89.14	994.847
14/08/2012 02:30	0.0016		0.0013		16		0.026	5.75	60.17	0	9.86	4.76	90.02	993.94
14/08/2012 03:30	0.0036		0.0033		8		0.024	5.86	59.82	0	11.07	4.78	90.93	992.646
14/08/2012 04:30	0.0054		0.0093		8		0.0229	6.79	53.4	0	12.19	4.8	88.66	991.901
14/08/2012 05:30	0.0016		0.0032		9		0.0272	7.21	48.54	0	12.51	5.04	88.58	991.397
14/08/2012 06:30	0.0013		0.0017		7		0.0272	5.14	46.97	0	12.19	5.3	90.18	991.585
14/08/2012 07:30	0.0013		0.0015		6		0.0253	4.77	55.99	0	11.74	46.96	92.89	992.029
14/08/2012 08:30	0.0013		0.0015		4		0.0253	5.33	55.99	0				

15/08/2012 22:30	0.0027		0.0015		23		0.028	2.53		340.97	0		20.96	0.09		72.15	987.697
15/08/2012 23:30	0.0029		0.0015		25		0.0279	1.88		356.93	0		20.47	0.44		74.1	987.717
16/08/2012 00:30	0.0028		0.0015		27		0.029	2.08		4.3	0		20.22	0.33		74.12	987.698
16/08/2012 01:30	0.0026		0.0015		29		0.028	2.15		348.86	0		19.78	0.03		75.06	987.574
16/08/2012 02:30	0.0025		0.0015		28		0.027	1.66		341.57	0		19.61	0.01		74.73	987.448
16/08/2012 03:30	0.0025		0.0015		30		0.0276	1.33		302.6	0		20.28	0.01		70.4	987.179
16/08/2012 04:30	0.0023		0.0015		23		0.028	0.99		44.2	0		19.89	0.04		71.78	987.008
16/08/2012 05:30	0.0023		0.0015		22		0.0268	1.67		50.08	0		19.27	0.83		73.8	987.428
16/08/2012 06:30	0.0026		0.0015		27		0.0245	1.9		291.02	0		19.29	0.57		73.98	988.269
16/08/2012 07:30	0.0027		0.0015		31		0.02	3.62		210.91	0		17.68	19.79		84.64	989.284
16/08/2012 08:30	0.0032		0.0015		30		0.0219	4.56		194.81	0		17.77	62.51		82.44	989.57
16/08/2012 09:30	0.0028		0.0015		25		0.0233	3.81		171.7	0		16.33	202.75		80.58	989.883
16/08/2012 10:30	0.0026		0.0015		25		0.0239	3.19		146.35	0		19.49	201.69		78.15	990.436
16/08/2012 11:30	0.0022		0.0015		34		0.0241	1.45		84.25	0		20.35	135.69		75.05	990.263
16/08/2012 12:30	0.0021		0.0015		25		0.0223	2.49		41.92	0		20.39	146.83		75.64	989.958
16/08/2012 13:30	0.0023		0.0015		20		0.019	2.1		29.02	0		19.88	90.95		80.47	989.211
16/08/2012 14:30	0.0023		0.0015		25		0.0176	1.84		36.86	0.2		19.4	112.81		85.57	988.856
16/08/2012 15:30	0.0024		0.0014		18		0.0169	2.17		4.43	1.2		18.65	65.98		91	988.926
16/08/2012 16:30	0.0023		0.0014		16		0.0211	1.89		28.91	0.2		18.5	94.55		90.47	988.61
16/08/2012 17:30	0.0023		0.0014		21		0.0202	2.7		78.23	0		18.48	23.74		90.14	988.191
16/08/2012 18:30	0.0024		0.0014		20		0.0158	3.17		79.66	0		18.34	7.38		92.29	988.252
16/08/2012 19:30	0.0027		0.0015		22		0.0137	2.74		70.26	0		18.26	3.04		91.63	988.711
16/08/2012 20:30	0.0054		0.0017		22		0.0136	2.94		58.06	0		18.22	2.4		89.17	989.142
16/08/2012 21:30	0.0062		0.0019		24		0.0136	2.86		55.25	0		18.01	1.9		88.18	989.407
16/08/2012 22:30	0.0036		0.0017		16		0.0182	2.88		61.48	0		17.91	1.61		86.62	989.347
16/08/2012 23:30	0.0029		0.0016		20		0.0209	2.34		74.94	0		17.84	0.34		83.96	989.621
17/08/2012 00:30	0.0033		0.0023		21		0.0214	2.81		85.19	0		18.06	0.04		81.6	989.549
17/08/2012 01:30	0.0059		0.0042		26		0.0171	3.31		85.96	0		17.48	0.01		84.74	989.358
17/08/2012 02:30	0.0083		0.0032		28		0.0145	3.42		73.53	0		17.3	3.71		85.2	989.319
17/08/2012 03:30	0.0082		0.0022		26		0.0149	3.49		75.69	0		17.29	4.44		83.53	989.21
17/08/2012 04:30	0.0091		0.0024		25		0.0149	3.41		68.24	0		17.44	4.53		81.45	989.094
17/08/2012 05:30	0.0116		0.004		30		0.0131	3.43		60.11	0		17.59	4.81		79.89	989.18
17/08/2012 06:30	0.0115		0.0043		31		0.0132	3.33		62.35	0		17.4	4.15		80.41	989.375
17/08/2012 07:30	0.0055		0.0047		26		0.0183	2.78		55.81	0		17.36	53.38		81.41	990.284
17/08/2012 08:30	0.0027		0.0028		32		0.0215	3.24		52.59	0		18.25	214.8		79.51	990.112
17/08/2012 09:30	0.0023		0.002		30		0.0233	4.15		33.29	0		20.06	392.26		75.85	989.951
17/08/2012 10:30	0.0022		0.0018		26		0.026	4.52		33.16	0		21.7	357.95		71.86	989.734
17/08/2012 11:30	0.0022		0.0017		28		0.0274	3.81		31.93	0		22.65	322.32		69.43	989.426
17/08/2012 12:30	0.0022		0.0017		29		0.0269	2.6		29.51	0		22.77	158.02		69.97	989.243
17/08/2012 13:30	0.0032		0.0017		28		0.0268	1.95		294.68	0		22.98	172.83		69.72	988.894
17/08/2012 14:30	0.0031		0.0017		29		0.0276	1.46		250.55	0		22.81	103.29		68.76	988.511
17/08/2012 15:30	0.0039		0.0017		38		0.0216	2.52		228.42	0		21.34	43.27		79.31	988.838
17/08/2012 16:30	0.0032		0.0016		18		0.0261	3.08		215.27	0		19.52	24.22		81.68	988.794
17/08/2012 17:30	0.004		0.0016		28		0.0233	3.74		187.62	0		19.02	14.7		85.92	988.705
17/08/2012 18:30	0.0032		0.0015		20		0.0236	4.92		156.48	0		18.57	2.68		86.56	987.928
17/08/2012 19:30	0.0023		0.0015		19		0.0246	6.28		123.44	0		18.51	1.68		86.08	987.585
17/08/2012 20:30	0.0024		0.0016		27		0.0234	7		108.33	0		18.98	0.86		85.08	986.989
17/08/2012 21:30	0.0025		0.0016		30		0.0244	6.75		98.67	0		19.75	0.56		85.8	986.216
17/08/2012 22:30	0.0025		0.0016		30		0.0253	5.65		90.69	0		20.16	0.43		84.51	985.728
17/08/2012 23:30	0.0028		0.0018		28		0.0268	4.65		76.54	0		20.04	0.36		82.4	985.05
18/08/2012 00:30	0.0034		0.0025		28		0.0319	4.75		53.66	0		19.99	1.08		79.59	984.438
18/08/2012 01:30	0.0026		0.0018		28		0.0335	4.38		47.7	0		19.84	0.17		79.67	984.135
18/08/2012 02:30	0.0026		0.0017		32		0.0315	5.12		33.67	0		19.84	0.04		78.61	983.612
18/08/2012 03:30	0.0026		0.0016		28		0.0292	5.09		21.2	0		19.66	0		78.38	983.755
18/08/2012 04:30	0.0025		0.0016		25		0.026	5.64		27.02	0		19.26	0.01		79.15	983.743
18/08/2012 05:30	0.0026		0.0015		30		0.0237	4.69		20.56	0		18.97	0.77		79.38	984.486
18/08/2012 06:30	0.0026		0.0015		24		0.0224	4.09		334.58	0		19.08	0.39		78.65	986.204
18/08/2012 07:30	0.0027		0.0015		29		0.0199	3		351.5	0		18.25	21.88		82.68	987.109
18/08/2012 08:30	0.0026		0.0015		29		0.0195	3.74		343.61	0		18.86	91.83		81.25	988.298
18/08/2012 09:30	0.0023		0.0015		18		0.0215	4.93		302.94	0		18.18	46.18		85.58	989.951
18/08/2012 10:30	0.0019		0.0015		6		0.0249	2.94		355.19	0		18.22	234.71		84.35	989.844
18/08/2012 11:30	0.0016		0.0015		5		0.0308	5.07		12.88	0		20.61	634.14		70.65	988.552
18/08/2012 12:30	0.0018		0.0015		985	IU	0.0326	5.61		344.67	0		21.48	382.46		66.95	988.566
18/08/2012 13:30	0.0019		0.0015		985	IU	0.0347	6.27		330.92	0		21.89	273.68		61.97	988.566
18/08/2012 14:30	0.0021		0.0015		4		0.0331	5.91		324.76	0		20.94	169.89		68.02	988.841
18/08/2012 15:30	0.0019		0.0015		5		0.0312	4.96		325.7	0		20.08	81.75		74.9	989.16
18/08/2012 16:30	0.0022		0.0015		8		0.0283	4.34		325.76	0		19.86	43.33		79.23	989.637
18/08/2012 17:30	0.0023		0.0015		12		0.0275	3.92		329.12	0		19.56	15.06		80.79	990.271
18/08/2012 18:30	0.0025		0.0015		20		0.0273	3.28		311.5	0		19.2	2.42		82.39	991.268
18/08/2012 19:30	0.002		0.0015		985	IU	0.0274	3.11		278.89	0.4		17.59	0.5		93.75	991.963
18/08/2012 20:30	0.0018		0.0015		5		0.0309	3.29		296.49	0		17.06	0.04		95.56	992.147
18/08/2012 21:30	0.0016		0.0014		1		0.0305	1.89		336.29	0.2		16.8	0.43		96.28	992.331
18/08/2012 22:30	0.0018		0.0014		0		0.0311	1.39		313.06	0.2		16.68	0.03		96.34	992.551
18/08/2012 23:30	0.0017		0.0014		1		0.0291	1.39		318.16	1.4		16.71	0.01		96.21	992.512
19/08/2012 00:30	0.0016		0.0014		4		0.0281	1.48		275.82	0.2		16.65	0		96.36	992.827
19/08/2012 01:30	0.0016		0.0014		6		0.0288	1.63		296.5	0.2		16.43	0.01		96.47	992.94
19/08/2012 02:30	0.0014		0.0014		4		0.0305	1.35		309.15	0.2		16.29	0		96.68	992.613
19/08/2012 03:30	0.0014		0.0014		3		0.0324	1.99		289.41	0.8		16.11	0		96.35	992.296
19/08/2012 04:30	0.0014		0.0014		3		0.0281	1.41		297.13	2.6		16.23	0.02		96.39	992.

21/08/2012 01:30	0.0015		0.0014		8		0,0287	4,85	334,59	0	17,09	4,18	90,82	985,849
21/08/2012 02:30	0.0016		0.0014		9		0,0287	6,39	340,07	0	16,9	4,31	90,86	985,18
21/08/2012 03:30	0.0015		0.0014		10		0,03	6,78	334,71	0,6	16,72	4,31	91,91	984,602
21/08/2012 04:30	0.0015		0.0014		6		0,0288	7,81	334,21	0	16,59	4,41	93,59	984,166
21/08/2012 05:30	0.0014		0.0014		3		0,0269	6,76	321,72	0	16,73	4,56	93,64	984,376
21/08/2012 06:30	0.0014		0.0014		5		0,0237	7,59	307,3	0	16,07	3,26	90,25	984,974
21/08/2012 07:30	0.0014		0.0014		7		0,0253	6,66	302,24	0,2	14,96	14,87	93,7	986,034
21/08/2012 08:30	0.0016		0.0014		4		0,0245	6,44	294,22	0	14,87	56,59	90,56	987,26
21/08/2012 09:30	0.0015		0.0014		4		0,0245	6,42	287,88	0	14,73	220,63	91,32	988,191
21/08/2012 10:30	0.0015		0.0014		7		0,026	6,82	292,07	0	14,83	234,35	87,6	988,472
21/08/2012 11:30	0.0018		0.0014		7		0,0282	6,7	278,09	0	15,06	387,94	79,46	989,062
21/08/2012 12:30	0.0017		0.0015		7		0,0293	6,14	276,55	0	16,39	648,1	73,51	989,184
21/08/2012 13:30	0.0017		0.0014		11		0,0302	5,83	280,22	0	17,27	586,13	69,75	988,443
21/08/2012 14:30	0.0018		0.0015		14		0,0309	5	276,99	0	18,11	646,52	67,19	987,877
21/08/2012 15:30	0.0018		0.0015		14		0,0324	4,64	279,7	0	18,81	490,37	63,46	987,653
21/08/2012 16:30	0.0019		0.0015		17		0,0333	4,26	268,53	0	19,17	305,18	60,78	988,141
21/08/2012 17:30	0.0025		0.0015		16		0,0308	2,91	245,14	0	18,46	110,17	66,25	988,887
21/08/2012 18:30	0.0042		0.0015		19		0,0261	2,33	231,44	0	16,84	6,47	72,45	989,503
21/08/2012 19:30	0.0035		0.0015		21		0,0277	2,54	227,14	0	16,2	3,16	71,39	989,836
21/08/2012 20:30	0.0041		0.0015		33		0,0285	2,57	203,12	0	16,54	2,3	66,59	990,145
21/08/2012 21:30	0.0028		0.0015		21		0,0298	1,57	161,57	0	16,57	2,01	63,97	990,699
21/08/2012 22:30	0.0018		0.0014		9		0,0258	1,61	112,46	0	14,05	1,89	80,45	990,928
21/08/2012 23:30	0.0018		0.0014		16		0,0247	2,25	92,65	0	13,64	0,81	84,55	991,057
22/08/2012 00:30	0.0016		0.0014		18		0,0245	1,92	77,73	0	13,54	0,72	85,47	991,263
22/08/2012 01:30	0.0019		0.0014		11		0,0211	2,45	78,92	0	13,09	0,62	87,17	991,086
22/08/2012 02:30	0.002		0.0014		12		0,0189	1,92	51,74	0	12,51	0,4	88,69	990,82
22/08/2012 03:30	0.0019		0.0014		13		0,0202	2,4	81,95	0	12,75	0,26	86,32	990,5
22/08/2012 04:30	0.0072		0.002		19		0,0154	2,95	80,08	0	12,93	0,42	85,76	990,112
22/08/2012 05:30	0.0208		0.0026		13		0,0038	3,3	82,27	0	12,97	1,06	85,71	990,232
22/08/2012 06:30	0.009		0.0025		16		0,0147	2,88	69,75	0	13,63	2,37	83,53	990,716
22/08/2012 07:30	0.0047		0.0026		9		0,0176	2,79	62,4	0	13,69	59,37	84,15	990,816
22/08/2012 08:30	0.0022		0.0018		15		0,0191	3,14	39,44	0	15	235,08	83,48	991,167
22/08/2012 09:30	0.0016		0.0016		10		0,0201	3,98	32,63	0	17,36	412,04	81,97	991,49
22/08/2012 10:30	0.0016		0.0016		16		0,0257	5,1	30,21	0	20,39	536,6	76,82	991,588
22/08/2012 11:30	0.0017		0.0017		24		0,0294	4,93	28,91	0	22,79	658,5	70,33	991,289
22/08/2012 12:30	0.0017		0.0017		22		0,0326	4,98	18,04	0	24,69	713,49	63,55	990,447
22/08/2012 13:30	0.0019		0.0018		34		0,0376	5,43	13,43	0	26	631,73	57,67	989,521
22/08/2012 14:30	0.0021		0.0018		36		0,0404	4,94	12,68	0	27,29	597,68	54,08	988,889
22/08/2012 15:30	0.0021		0.0018		40		0,0411	4,36	17,86	0	27,88	435,48	53,75	988,478
22/08/2012 16:30	0.002		0.0018		37		0,0421	4,46	28,18	0	27,93	282,34	54,01	988,442
22/08/2012 17:30	0.002		0.0018		33		0,0395	3,33	34,49	0	27,05	101,29	57,22	988,663
22/08/2012 18:30	0.0022		0.0018		27		0,0349	2,95	51,57	0	25,08	7,38	64,83	989,051
22/08/2012 19:30	0.0023		0.0018		32		0,0358	3,12	56,8	0	23,81	4,29	67,29	989,203
22/08/2012 20:30	0.0022		0.0017		30		0,0375	3,33	57,84	0	22,82	3,66	66,87	989,726
22/08/2012 21:30	0.0023		0.0017		31		0,0354	3,39	61,78	0	22,01	3,7	70,8	990,138
22/08/2012 22:30	0.0023		0.0016		25		0,03	3,32	51,73	0	20,84	2,66	78,23	990,005
22/08/2012 23:30	0.0021		0.0016		23		0,0289	3,12	46,96	0	20,25	2,31	81,62	989,946
23/08/2012 00:30	0.0022		0.0017		36		0,0313	3,73	47,15	0	20,21	1,27	78,65	989,759
23/08/2012 01:30	0.0022		0.0016		35		0,0317	3,13	42,39	0	19,57	0,88	78,56	989,357
23/08/2012 02:30	0.0021		0.0016		33		0,0319	3,58	51,37	0	19,23	0,59	78,33	988,531
23/08/2012 03:30	0.002		0.0016		31		0,0306	3,69	40,09	0	18,67	0,5	79,18	988,168
23/08/2012 04:30	0.002		0.0016		28		0,0288	3,6	45,27	0	17,99	0,7	80,71	987,886
23/08/2012 05:30	0.0022		0.0016		35		0,0285	3,07	42,93	0	17,83	1,55	79,1	988,283
23/08/2012 06:30	0.0023		0.0017		39		0,0279	3,15	41,74	0	17,63	3,19	78,82	988,648
23/08/2012 07:30	0.0025		0.0017		42		0,0275	2,91	39,3	0	17,86	65,97	77,51	988,988
23/08/2012 08:30	0.0025		0.0017		39		0,0283	3,46	22,31	0	19,51	256,09	72,54	989,341
23/08/2012 09:30	0.0025		0.0018		36		0,0307	4,63	12,65	0	21,51	445,21	66,32	989,432
23/08/2012 10:30	0.0022		0.0017		38		0,035	6,63	4,53	0	23,77	604,41	56,22	989,314
23/08/2012 11:30	0.0022		0.0017		35		0,0386	6,81	1,93	0	25,48	707,45	49,54	988,999
23/08/2012 12:30	0.0021		0.0018		39		0,0404	6,71	3,78	0	26,83	742,52	46,14	988,141
23/08/2012 13:30	0.0019		0.0018		34		0,0415	6,53	0,62	0	28,35	713,07	42,3	987,075
23/08/2012 14:30	0.0019		0.0018		32		0,042	7,34	350	0	29,4	627,79	35,91	986,162
23/08/2012 15:30	0.0018		0.0018		30		0,041	8,03	349,27	0	29,44	483,32	34,73	985,567
23/08/2012 16:30	0.0018		0.0018		31		0,0402	6,98	347,92	0	28,85	298,44	37,04	985,512
23/08/2012 17:30	0.0022		0.0018		32		0,038	4,38	0,9	0	27,26	107,42	45,55	985,726
23/08/2012 18:30	0.002		0.0018		36		0,0379	4,31	21,06	0	25,06	8,22	54,35	986,192
23/08/2012 19:30	0.0022		0.0018		27		0,0381	4,07	29,9	0	23,68	4,64	57,94	986,688
23/08/2012 20:30	0.0022		0.0018		31		0,0388	4,07	21,44	0	23	4,06	58,72	987,238
23/08/2012 21:30	0.0022		0.0017		24		0,0386	3,95	23,69	0	22,34	3,34	59,4	987,421
23/08/2012 22:30	0.0023		0.0017		25		0,0369	3,24	34,75	0	21,28	2,86	62,16	987,482
23/08/2012 23:30	0.0024		0.0017		28		0,0362	3,1	33,24	0	20,68	2,13	63	987,352
24/08/2012 00:30	0.0023		0.0017		26		0,035	3,43	37,82	0	19,86	1,73	65,13	987,235
24/08/2012 01:30	0.0023		0.0017		26		0,035	3,5	24,34	0	19,64	1,4	65,06	986,935
24/08/2012 02:30	0.0023		0.0017		30		0,0347	3,06	18,59	0	19,67	1,05	62,92	986,52
24/08/2012 03:30	0.0024		0.0017		33		0,0336	2,78	20,4	0	19,3	0,62	62,94	985,942
24/08/2012 04:30	0.0025		0.0017		34		0,0315	3,41	9,65	0	18,9	0,45	64	985,577
24/08/2012 05:30	0.0028		0.0018		40		0,0305	4,09	12,33	0	19,41	1,73	61,88	985,508
24/08/2012 06:30	0.0028		0.0017		31		0,0285	3,16	13,1	0	18,74	3,46	65,57	985,912
24/08/2012 07:30	0.0027		0.0017		39		0,0283	3,41	17,09	0	19,05	63,81	65,21	986,495
24/08/2012 08:30	0.0026		0.0017		40		0,0272	3,22	19,18	0	19,9	234,84	64,55	986,765
24/08/2012 09:30	0.0025		0.0017		36		0,029	5,1	3,58	0	21,41	416,5	59,62	986,835
24/08/2012 10:30	0.0024		0.0017		49		0,0333	5,85	340,74	0	23,77	577,71	50,4	987,28
24/08/2012 11:30	0.0023		0.0017		53		0,0373	7,92	330,8	0	25,25	676,32	42,24	987,459
24/08/2012 12:30	0.0025		0.0019		52		0,0397	8,36	322,21	0	25,3	708,12	41,3	987,077
24/08/2012 13:30	0.0023		0.0018		39		0,0395	7,26	314,66	0	24,84	674,58	47,73	986,637
24/08/2012 14:30	0.0024		0.0018		39		0,0399	5,37	317,53	0	24,81			

26/08/2012 04:30	0.0011		0.0014		10	IU	0.0241	4.54		157.1	0		4.53	4.06		87.71	1000.644
26/08/2012 05:30	0.0012		0.0014		8	IU	0.0242	4.06		160.02	0		4.65	4.17		87.4	1000.858
26/08/2012 06:30	0.0011		0.0014		12	IU	0.0236	4.53		158.51	0		4.72	4.6		87.12	1001.277
26/08/2012 07:30	0.0016		0.0015		13	IU	0.0227	4.73		156.12	0		4.76	23.58		87.25	1001.536
26/08/2012 08:30	0.0015		0.0015		53	IU	0.023	4.76		159.55	0		5.09	94.67		85.96	1001.847
26/08/2012 09:30	0.0016		0.0015		18	IU	0.0242	4.52		156.78	0		5.7	173.92		83.04	1002.15
26/08/2012 10:30	0.0013		0.0015		20	IU	0.0258	4.64		155.63	0		6.51	331.98		79.37	1002.402
26/08/2012 11:30	0.0014		0.0015		24	IU	0.0274	4.43		156.59	0		7.25	441.07		75.16	1002.58
26/08/2012 12:30	0.0013		0.0015		18	IU	0.0289	4.54		155.17	0		8.31	393.92		71.02	1002.193
26/08/2012 13:30	0.0013		0.0015		22	IU	0.0288	3.81		167.27	0		9.12	423.16		69.57	1001.586
26/08/2012 14:30	0.0016		0.0015		18	IU	0.029	3.69		178.94	0		9.6	370.24		67.28	1001.142
26/08/2012 15:30	0.0017		0.0015		30	IU	0.0285	3.75		184.44	0		9.74	308.07		67.04	1000.926
26/08/2012 16:30	0.0016		0.0015		20	IU	0.0285	4.83		158.42	0		9.5	270.36		72.24	1000.966
26/08/2012 17:30	0.0016		0.0014		12	IU	0.027	4.55		164.7	0		8.55	100.29		80.02	1001.213
26/08/2012 18:30	0.0027		0.0015		24	IU	0.0255	3.15		173.15	0		7.99	3.88		83.38	1001.691
26/08/2012 19:30	0.0028		0.0015		25	IU	0.0246	2.79		195.81	0.2		7.65	0.39		87.38	1001.842
26/08/2012 20:30	0.0023		0.0015		20	IU	0.0239	2.68		191.37	0		7.68	0.11		89.13	1002.108
26/08/2012 21:30	0.0022		0.0015		13	IU	0.0233	2.65		183.89	0		7.78	0.09		90.84	1002.198
26/08/2012 22:30	0.0016		0.0015		13	IU	0.025	3.88		165	0		7.95	1.61		91.17	1002.548
26/08/2012 23:30	0.0014		0.0014		11	IU	0.0274	3.77		171.23	0		7.79	2.25		91.45	1002.53
27/08/2012 00:30	0.0012		0.0014		11	IU	0.0263	3.97		166.73	0		7.87	3.95		92.38	1002.453
27/08/2012 01:30	0.0012		0.0015		13	IU	0.0261	3.69		170.82	0		7.75	4.03		93.09	1002.071
27/08/2012 02:30	0.0011		0.0015		93	IU	0.0263	3.79		171.62	0		7.58	4.08		92.86	1001.925
27/08/2012 03:30	0.0012		0.0014		9	IU	0.0268	3.55		176.67	0		7.46	4.09		92.2	1001.87
27/08/2012 04:30	0.0012		0.0015		11	IU	0.0263	3.49		178.98	0		7.26	4.13		92.33	1001.657
27/08/2012 05:30	0.0012		0.0015		14	IU	0.0267	4.3		172.48	0		7.09	4.23		93.22	1001.71
27/08/2012 06:30	0.0013		0.0015		12	IU	0.0278	4.87		163.26	0		6.89	1.49		93.9	1002.041
27/08/2012 07:30	0.0014		0.0015		11	IU	0.0278	5.14		156.53	0		6.74	27.57		92.83	1002.271
27/08/2012 08:30	0.0019		0.0015		16	IU	0.027	4.45		161.99	0		6.77	121.17		93.05	1002.697
27/08/2012 09:30	0.0016		0.0015		86	IU	0.0271	4.3		157.09	0		7.33	220.36		90.81	1003.151
27/08/2012 10:30	0.0014		0.0015		10	IU	0.0279	4.14		149.09	0		8.74	394.14		83.88	1003.161
27/08/2012 11:30	0.0013		0.0015		15	IU	0.0293	5.17		148.2	0		10.49	557.5		74.65	1002.705
27/08/2012 12:30	0.0013		0.0015		16	IU	0.0309	4.87		142.64	0		12.04	625.85		64.25	1002.152
27/08/2012 13:30	0.0012		0.0015		118	IU	0.0314	4.53		139.17	0		12.77	449.49		58.55	1001.634
27/08/2012 14:30	0.0015		0.0015		14	IU	0.0316	4.46		156.03	0		13.52	545.85		53.2	1001.163
27/08/2012 15:30	0.0014		0.0015		13	IU	0.0313	4.57		150.74	0		13.43	324.92		54.52	1000.88
27/08/2012 16:30	0.0016		0.0015		19	IU	0.0318	4.76		148.9	0		13.61	288.55		55.07	1000.863
27/08/2012 17:30	0.0015		0.0015		30	IU	0.0309	4.72		138.95	0		12.99	139.92		60	1001.295
27/08/2012 18:30	0.0028		0.0016		23	IU	0.0282	4.42		136.62	0		10.97	6.6		73.42	1001.738
27/08/2012 19:30	0.0016		0.0015		10	IU	0.0273	4.25		140.06	0		9.67	1.72		81.18	1002.142
27/08/2012 20:30	0.0014		0.0015		11	IU	0.027	4.61		136.17	0		9.13	0.86		83.64	1002.405
27/08/2012 21:30	0.0015		0.0014		12	IU	0.0257	4.42		137.82	0		8.59	0.32		88.18	1002.227
27/08/2012 22:30	0.0016		0.0015		985	IU	0.0244	4.62		149.07	0		7.97	0.08		92.33	1002.249
27/08/2012 23:30	0.0014		0.0015		9	IU	0.0243	4.86		152.68	0		7.76	0.01		94.26	1002.023
28/08/2012 00:30	0.0012		0.0015		7	IU	0.0236	5.43		151.31	0		7.61	2.37		95.39	1001.659
28/08/2012 01:30	0.0013		0.0014		6	IU	0.0236	4.95		157.77	0		7.53	3.92		96.4	1001.459
28/08/2012 02:30	0.0012		0.0014		2	IU	0.0231	4.28		160.46	0		7.32	3.95		97.19	1001.092
28/08/2012 03:30	0.0012		0.0014		3	IU	0.0225	3.96		148.14	0		7.27	4.07		97.66	1000.637
28/08/2012 04:30	0.0012		0.0014		4	IU	0.0223	2.88		150.68	0		7.45	4.12		97.88	1000.741
28/08/2012 05:30	0.0012		0.0014		3	IU	0.0232	2.98		169.63	0		7.57	3.82		97.97	1000.897
28/08/2012 06:30	0.0012		0.0014		5	IU	0.0256	3.76		147.3	0		7.79	0.53		98.05	1001.102
28/08/2012 07:30	0.0012		0.0015		4	IU	0.0257	4.05		147.2	0		7.95	36.09		97.97	1001.282
28/08/2012 08:30	0.0015		0.0015		4	IU	0.0254	3.95		151.01	0		8.07	118.04		97.92	1001.595
28/08/2012 09:30	0.0013		0.0015		8	IU	0.0262	4.36		131.65	0		8.63	161.68		97.5	1001.86
28/08/2012 10:30	0.0013	IC	0.0014		985	IU	0.0274	3.95		130.02	IU	0	10.33	342.88		88.57	1001.499
28/08/2012 11:30	0.0014	IC	0.0015		985	IU	0.0311	4.75		127.78	0		12.24	501.35		75.89	1001.22
28/08/2012 12:30	0.0012		0.0015	IC			0.0316	4.99		115.69	0		13.21	557.05		67.02	1000.473
28/08/2012 13:30	0.0012		0.0017	IC	985	IU	0.032	4.84		123.42	0		14.44	621.73		59.63	999.502
28/08/2012 14:30	0.0014		0.0015		985	IU	0.0238	5.05		135.49	1	IU	15.09	589.2		57.49	998.783
28/08/2012 15:30	0.0012		0.0015		10	IU	0.027	5.08		127.71	0		15.23	321.62		57.31	998.405
28/08/2012 16:30	0.0014		0.0014		24	IU	0.0285	5.15		120.9	0		15.13	262.79		57.86	998.036
28/08/2012 17:30	0.0016		0.0014		11	IU	0.0286	5.36		111.79	0		14.17	124.53		65.67	998.142
28/08/2012 18:30	0.0016		0.0014		12	IU	0.0276	4.74		116.14	0		12.28	7.33		75.64	998.533
28/08/2012 19:30	0.0018		0.0014		22	IU	0.0273	4.82		117.19	0		11.32	4.14		81.72	998.662
28/08/2012 20:30	0.0016		0.0014		10	IU	0.0259	4.48		112.69	0		10.6	4.71		85.32	998.632
28/08/2012 21:30	0.0016		0.0014		11	IU	0.0264	4.94		113.77	0		10.22	4.7		86.79	998.569
28/08/2012 22:30	0.0013		0.0014		11	IU	0.0267	4.98		115.48	0		9.97	4.68		88.37	998.267
28/08/2012 23:30	0.0012		0.0014		10	IU	0.0255	4.81		118.5	0		9.75	4.57		92.83	997.848
29/08/2012 00:30	0.0013		0.0014		6	IU	0.0252	4.92		117.65	0		9.64	4.55		95.57	997.553
29/08/2012 01:30	0.0013		0.0014		4	IU	0.0255	5.12		112.32	0		9.59	4.56		95.55	997.389
29/08/2012 02:30	0.0013		0.0014		8	IU	0.0254	4.54		111.5	0		9.43	4.49		95.7	996.79
29/08/2012 03:30	0.0012		0.0014		7	IU	0.026	4.55		114.06	0		9.58	4.45		95.4	996.28
29/08/2012 04:30	0.0012		0.0014		5	IU	0.0273	4.8		111.3	0		9.75	4.49		93.74	996.412
29/08/2012 05:30	0.0011		0.0014		8	IU	0.027	4.49		118.12	0		9.68	4.68		94.68	996.533
29/08/2012 06:30	0.0012		0.0014		8	IU	0.026	4.61		119.13	0		9.46	5.48		96.69	996.661
29/08/2012 07:30	0.0013		0.0014		6	IU	0.0258	4.26		102.49	0		10	31.33		96.08	997.173
29/08/2012 08:30	0.0013		0.0014		4	IU	0.0263	4.17		107.86	0		11.01	232.44		91.84	997.656
29/08/2012 09:30	0.0012		0.0014		3	IU	0.027	5.72		96.61	0						

31/08/2012 07:30	0.0033	0.0016	20	0,0275	1,41	254,14	0	15,45	75,55	77,39	989,496
31/08/2012 08:30	0.0024	0.0016	17	0,022	0,63	12,85	0	17,1	287,91	75,13	989,873
31/08/2012 09:30	0.0017	0.0016	9	0,0152	1	13,34	0	18,13	453,92	76,04	990,128
31/08/2012 10:30	0.0017	0.0016	12	0,0194	1,47	353,55	0	18,77	555,02	74,1	990,476
31/08/2012 11:30	0.0018	0.0016	17	0,0292	2,05	317,82	0	20,06	626,63	66,77	990,149
31/08/2012 12:30	0.0018	0.0016	20	0,0366	2,64	291,73	0	21,22	790,57	57,45	989,655
31/08/2012 13:30	0.0018	0.0016	26	0,0385	2,21	233,92	0	22,32	710,29	52,99	988,893
31/08/2012 14:30	0.002	0.0016	37	0,0388	2,74	200,64	0	22,3	628,21	51,92	988,304
31/08/2012 15:30	0.0026	0.0017	38	0,0391	2,6	209,88	0	21,88	352,5	53,02	988,058
31/08/2012 16:30	0.0038	0.0019	53	0,04	2,07	200,83	0	21,54	215,09	55,28	988,045
31/08/2012 17:30	0.0036	0.0017	82	0,0368	1,58	190,08	0	21,21	105,51	56,99	988,381
31/08/2012 18:30	0.0058	0.0017	50	0,0337	1,81	168,11	0	19,95	4,72	60,56	988,841
31/08/2012 19:30	0.0031	0.0016	33	0,0349	2,98	152,04	0	19,15	1,25	63,04	989,361
31/08/2012 20:30	0.0019	0.0016	11	0,0251	4,49	118,51	0	16,41	3,44	80,44	989,656
31/08/2012 21:30	0.0017	0.0015	19	0,0241	4,15	112,53	0	15,88	4,32	82,73	989,869
31/08/2012 22:30	0.0019	0.0015	14	0,0234	3,2	112,63	0	15,52	4,5	84,2	990,086
31/08/2012 23:30	0.0017	0.0015	12	0,0224	2,74	102,67	0	14,82	4,63	86,44	989,834