

Data de Medição		Eletrobras CGTEE																		
		Estação 1 - Aeroporto																		
		Qualidade do Ar						Meteorologia												
		Ar Ambiente						Clima e Meteorologia												
		Dióxido de Nitrogênio		Dióxido de Enxofre		Partículas Inaláveis (<10µm)		Velocidade Escalar do Vento		Direção Escalar do Vento		Precipitação Pluviométrica		Temperatura		Radiação Solar Global		Umidade Relativa		Pressão Atmosférica
Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 6,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 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		
Data	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [µg/m3]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
01/04/2012 00:30	0,0007				20		3,86		62,01		0		18,21		12,69		85,79		991,88	
01/04/2012 01:30	0,0007				19		3,45		69,62		0		17,51		12,75		87,69		991,576	
01/04/2012 02:30	0,0007				20		2,71		41,34		0		17,6		12,63		86,85		991,135	
01/04/2012 03:30	0,0004				21		3,04		37,8		0		17,12		12,72		88,29		990,623	
01/04/2012 04:30	0,0002				26		3,27		34,13		0		17,01		12,55		88,91		990,43	
01/04/2012 05:30	0,0003				19		4,35		38,48		0		17,19		12,53		87,68		990,453	
01/04/2012 06:30	0,0002				24		4,68		43,28		0		17,29		15,61		86,46		990,7	
01/04/2012 07:30	0,0002				21		4,56		48,42		0		17,88		121,8		84,93		991,233	
01/04/2012 08:30	0,0002				22		4,87		38,2		0		20,13		324,2		77,07		991,79	
01/04/2012 09:30	0,0003				24		4,76		24,82		0		22,05		518,86		70,26		992,05	
01/04/2012 10:30	0,0003				17		4,95		33,6		0		23,92		677,56		63,72		991,779	
01/04/2012 11:30	0,0003				12		4,2		30,27		0		25,78		785,23		57,35		991,267	
01/04/2012 12:30	0,0003				12		4,01		10,45		0		27,22		830,29		51,71		990,465	
01/04/2012 13:30	0,0003				25		3,44		3,14		0		28,28		811,4		46,53		989,483	
01/04/2012 14:30	0,0006				24		2,65		13,51		0		28,96		571,57		41,76		988,513	
01/04/2012 15:30	0,0003				22		2,36		26,37		0		29,63		534,08		37,82		987,894	
01/04/2012 16:30	0,0002				43		2,28		84,01		0		30,06		408,03		37,29		987,488	
01/04/2012 17:30	0,0013				18		2,2		75,9		0		29,23		183,66		42,81		987,219	
01/04/2012 18:30	0,0011				22		2,28		64,06		0		26,04		23,72		53,97		987,18	
01/04/2012 19:30	0,002				42		1,88		69,2		0		23,5		13,22		64,54		987,371	
01/04/2012 20:30	0,0018				27		2,87		67,76		0		22,04		13,93		68,9		988,045	
01/04/2012 21:30	0,0011				21		2,53		45,15		0		21,57		13,48		75,02		988,54	
01/04/2012 22:30	0,001				23		2,59		52,37		0		21,16		12,76		73,7		988,652	
01/04/2012 23:30	0,0018				22		2,52		31,73		0		20,72		12,79		76,55		988,539	
02/04/2012 00:30	0,0012				19		3,27		51,22		0		20,22		12,82		78,35		988,523	
02/04/2012 01:30	0,0007				23		3,09		51,5		0		19,38		12,9		81,19		988,615	
02/04/2012 02:30	0,0008				19		2,02		45,57		0		18,37		12,84		85,09		988,375	
02/04/2012 03:30	0,0009				29		2,16		45,46		0		17,67		12,96		87,09		987,938	
02/04/2012 04:30	0,0016				20		1,28		59,54		0		16,7		12,83		89,45		987,764	
02/04/2012 05:30	0,003				21		0,59		69,51		0		15,72		12,67		91,77		987,995	
02/04/2012 06:30	0,0084				21		0,53		70,91		0		15,05		15,53		92,74		988,367	
02/04/2012 07:30	0,0124				27		0,37		16,16		0		15,22		126,76		92,95		988,841	
02/04/2012 08:30	0,0059				29		1,09		42,3		0		19,3		332,39		78,05		989,242	
02/04/2012 09:30	0,0023				28		2,8		24,27		0		24,15		532,08		56,9		989,34	
02/04/2012 10:30	0,0016				8		4,1		14,9		0		26,67		689,62		44,47		989,393	
02/04/2012 11:30	0,0014				10		4,02		359,76		0		27,72		794,67		40,16		989,176	
02/04/2012 12:30	0,0008				18		2,39		336,96		0		28,62		837,82		37,1		988,811	
02/04/2012 13:30	0,0004				17		2,27		54,76		0		29,54		804,45		35,67		988,219	
02/04/2012 14:30	0,0003				13		1,89		158,89		0		29,61		726,6		35,69		987,644	
02/04/2012 15:30	0,0004				17		2		76,24		0		30,42		587,11		33,86		987,164	
02/04/2012 16:30	0,0026				50		2,38		85,62		0		30,3		394,91		33,88		986,983	
02/04/2012 17:30	0,0025				61		1,72		92,65		0		29,8		188,05		36,6		986,782	
02/04/2012 18:30	0,0069				39		1,15		81,77		0		27,49		27,24		42,2		986,799	
02/04/2012 19:30	0,0244				33		1,87		120,97		0		24,03		12,68		57,16		987,18	
02/04/2012 20:30	0,0025				24		2,11		97,56		0		22,09		12,55		77,32		988,142	
02/04/2012 21:30	0,0011				32		2,51		107,11		0		22		12,64		75,13		988,543	
02/04/2012 22:30	0,001				20		2,76		100,38		0		21,36		12,78		71,57		988,618	
02/04/2012 23:30	0,0046				28		2,78		39,51		0		20,38		12,86		72,73		988,594	
03/04/2012 00:30	0,0037				26		1,96		41,75		0		20,29		12,82		73,67		988,494	
03/04/2012 01:30	0,0028				24		1,96		50,09		0		19,08		12,8		79,19		988,431	
03/04/2012 02:30	0,001				22		1,82		57,39		0		18,65		12,75		80,33		988,074	
03/04/2012 03:30	0,0026				27		1,02		84,8		0		18,09		12,79		82,46		987,616	
03/04/2012 04:30	0,0021				32		0,85		116,91		0		17,54		12,84		84,71		987,371	
03/04/2012 05:30	0,003				25		0,77		89,61		0		16,87		12,81		86,37		987,646	
03/04/2012 06:30	0,0025				19		0,99		81,77		0		16,53		15,1		86,93		988,114	
03/04/2012 07:30	0,0042				27		2,25		75,88		0		16,78		100,34		86,16		988,502	
03/04/2012 08:30	0,0014				40		2,05		81,42		0		19		189,86		81,53		989,115	
03/04/2012 09:30	0,0024				37		2,08		42,36		0		22,67		439,48		66,33		989,677	
03/04/2012 10:30	0,0024				27		4,42		9,68		0		25,56		596,55		48,92		989,698	
03/04/2012 11:30	0,0025				18		3,41		5,09		0		26,55		522,62		47,67		989,336	
03/04/2012 12:30	0,0012				26		2,33		62,39		0		27,69		495,28		44,33		988,575	
03/04/2012 13:30	0,0027				37		2,04		71,51		0		27,3		287,8		48,74		987,765	
03/04/2012 14:30	0,0014				44		2,9		154,38		0		26,79		339,45		57,46		987,356	
03/04/2012 15:30	0,0007				39		2,62		146,21		0		27,24		309,48		54,77		987,138	
03/04/2012 16:30	0,0021				57		2,15		145,4		0		26,25		132,55		61,05		986,912	
03/04/2012 17:30	0,0011				26		1,83		127,43		0		26,26		175,97		61,92		986,64	
03/04/2012 18:30	0,0038				100		2,42		93,03		0		24,16		22,06		68,85		986,589	
03/04/2012 19:30	0,0059				54		1,64		76,34		0		22,62		12,86		73,2		986,614	
03/04/2012 20:30	0,0021				39		1,67		97,44		0		21,39		13,31		77,58		986,918	
03/04/2012 21:30	0,0022				41		2,52		37,86		0		21,46		13,21		78,29		987,06	
03/04/2012 22:30	0,0019				32		3,44		34,57		0		21,78		13,3		76,22		986,91	
03/04/2012 23:30	0,0021				36		3,61		26,15		0		21,39		13,3		76,99		986,867	
04/04/2012 00:30	0,0006				17		3,8		30,07		0		20,18		13,23		81,94		986,498	
04/04/2012 01:30	0,0007				18		3,19		27,92		0		19,9		12,87		82,47		986,231	
04/04/2012 02:30	0,0007</																			

05/04/2012 09:30	0.0027				13	5.66	344.6	1	16.1	31.72	91.67	981.425	
05/04/2012 10:30	0.0019				12	8.05	350.9	0.6	16.36	58.65	89.31	980.421	
05/04/2012 11:30	0.0032				13	3.59	309.97	0	17.19	163.04	86.61	981.649	
05/04/2012 12:30	0.0018				15	5.15	321.1	0	18.49	460.68	82.89	981.665	
05/04/2012 13:30	0.0009				10	6.92	318.21	0	21.26	706.32	70.72	981.045	
05/04/2012 14:30	0.0009				10	6.97	291.2	0.4	22.14	500.1	67.06	981.084	
05/04/2012 15:30	0.0011				8	6.94	274.92	0	21.63	188.02	70.67	981.345	
05/04/2012 16:30	0.0012				9	6.2	277.65	0	20.86	132.12	75.96	981.699	
05/04/2012 17:30	0.0014				15	5.74	264.08	0	20.31	69.52	80.51	982.042	
05/04/2012 18:30	0.0008				11	5.88	215.21	0	18.28	17.18	88.59	982.702	
05/04/2012 19:30	0.001				12	4.85	202.04	0	17.5	12.73	90.19	983.441	
05/04/2012 20:30	0.0023				14	3.21	214.63	0	16.61	12.69	90.21	983.939	
05/04/2012 21:30	0.0023				27	2.3	232.82	0	15.64	12.69	91.55	984.489	
05/04/2012 22:30	0.0044				24	2.44	165.41	0	15.41	12.59	91.93	984.78	
05/04/2012 23:30	0.0071				41	2.41	177.38	0	14.59	12.63	91.37	984.816	
06/04/2012 00:30	0.0062				35	2.2	176.86	0	13.73	12.67	91.4	984.713	
06/04/2012 01:30	0.0074				37	2.32	180.8	0	13.5	12.57	90.56	984.698	
06/04/2012 02:30	0.0055				30	2.16	175.85	0	12.62	12.45	92.12	984.706	
06/04/2012 03:30	0.0038				24	2.04	181.52	0	11.7	12.3	92.38	984.699	
06/04/2012 04:30	0.0024				23	1.48	228.46	0	11.5	12.26	92.04	984.968	
06/04/2012 05:30	0.0062				24	0.7	345.29	0	11.02	12.19	92.71	985.469	
06/04/2012 06:30	0.0039				11	1.67	356.86	0	10.27	14.22	93.25	986.043	
06/04/2012 07:30	0.0038				11	0.84	339.52	0	10.44	111.52	93.74	986.773	
06/04/2012 08:30	0.0023				25	1.37	1	0	12.93	320	89.88	987.201	
06/04/2012 09:30	0.0035				26	2.6	339.15	0	15.51	511.66	71.29	987.529	
06/04/2012 10:30	0.0023				16	2.51	288.76	0	17.6	666.75	55.28	987.905	
06/04/2012 11:30	0.0014				20	3.74	253.24	0	18.93	771.97	51.8	988.164	
06/04/2012 12:30	0.0008				24	5.23	227.74	0	19.82	812.43	48.94	988.014	
06/04/2012 13:30	0.0006				22	5.32	239.99	0	20.5	788.94	47.06	987.322	
06/04/2012 14:30	0.0006				20	5.75	248.79	0	21.04	704.01	45.63	986.875	
06/04/2012 15:30	0.0005				21	5.39	237.64	0	21.4	560	43.5	986.284	
06/04/2012 16:30	0.001				13	4.84	233.36	0	21.42	350.74	41.3	985.999	
06/04/2012 17:30	0.0027				18	2.82	247.7	0	20.55	135.36	48.04	985.765	
06/04/2012 18:30	0.0037				20	2.29	257.87	0	18.59	18.17	57.18	985.95	
06/04/2012 19:30	0.0078				25	1.57	9.97	0	17.29	12.63	65.43	986.559	
06/04/2012 20:30	0.0059				26	2.19	354.58	0	15.91	12.61	74.69	986.935	
06/04/2012 21:30	0.0042				24	1.82	352.4	0	14.71	12.54	80.41	987.175	
06/04/2012 22:30	0.0034				23	1.65	357.64	0	14.05	12.53	81.79	987.361	
06/04/2012 23:30	0.0045				19	1.57	25.6	0	13.41	12.48	84.69	987.304	
07/04/2012 00:30	0.0076				985	IU	0.81	20.68	0	13.03	12.36	85.48	986.52
07/04/2012 01:30	0.0057				985	IU	1.16	9.31	0	12.85	12.33	85.72	986.092
07/04/2012 02:30	0.0056				985	IU	1.35	11.37	0	12.51	12.28	87.27	985.991
07/04/2012 03:30	0.0058				985	IU	1.43	8.88	0	12.2	12.22	87.65	985.492
07/04/2012 04:30	0.007				985	IU	1.31	7.69	0	12.32	12.18	86.97	985.267
07/04/2012 05:30	0.0074				985	IU	1.61	1.92	0	12.69	12.14	84.23	984.975
07/04/2012 06:30	0.0078				985	IU	1.44	356.77	0	12.44	16.69	85.55	984.978
07/04/2012 07:30	0.0086				985	IU	1.8	12.06	0	13.25	77.34	84.17	985.691
07/04/2012 08:30	0.0054				985	IU	1.9	2.96	0	16.07	252.1	77.18	986.488
07/04/2012 09:30	0.0017				985	IU	3.79	313.93	0	19.33	456.86	65.61	986.742
07/04/2012 10:30	0.001				985	IU	5.33	287.33	0	21.96	674.52	51.97	986.75
07/04/2012 11:30	0.0009				985	IU	6.26	277.92	0	23.31	777.33	45.86	986.609
07/04/2012 12:30	0.0009				985	IU	5.7	277.3	0	24.1	816.53	43.53	985.839
07/04/2012 13:30	0.0005				985	IU	5.68	277.63	0	24.63	794.15	41.62	985.1
07/04/2012 14:30	0.0011				985	IU	5.64	282.35	0	25.1	707.72	39.51	984.296
07/04/2012 15:30	0.0013				985	IU	5.12	282.01	0	25.36	566.21	38.75	983.664
07/04/2012 16:30	0.0013				985	IU	4.71	270.83	0	25.32	376.71	39.56	983.665
07/04/2012 17:30	0.0024				985	IU	3.83	280.08	0	24.19	167.66	45.63	983.277
07/04/2012 18:30	0.004				985	IU	2.51	291.2	0	22.04	21.58	53.95	983.147
07/04/2012 19:30	0.0087				985	IU	1.78	342.79	0	19.59	13.02	66.69	983.525
07/04/2012 20:30	0.0077				985	IU	1.6	8.81	0	18.31	12.86	72.06	983.97
07/04/2012 21:30	0.0065				985	IU	2	355.3	0	17.63	12.78	73.36	984.044
07/04/2012 22:30	0.0054				985	IU	1.7	6.77	0	16.99	12.69	75.56	984.109
07/04/2012 23:30	0.0043				985	IU	1.15	53.05	0	16.86	12.62	73.95	984.527
08/04/2012 00:30	0.0068				985	IU	1.82	8.41	0	15.74	12.56	79.73	985.25
08/04/2012 01:30	0.0054				985	IU	1.73	17.56	0	14.76	12.5	83.92	985.583
08/04/2012 02:30	0.0047				985	IU	2.34	5.7	0	14.12	12.48	86.55	985.15
08/04/2012 03:30	0.0044				985	IU	1.07	32.08	0	13.54	12.47	88.02	984.917
08/04/2012 04:30	0.0048				985	IU	1.35	38.05	0	13.38	12.46	87.04	985.021
08/04/2012 05:30	0.0046				985	IU	1.14	29.45	0	13.42	12.42	86.94	985.128
08/04/2012 06:30	0.0052				985	IU	0.93	44.57	0	13.47	14.32	87.13	985.832
08/04/2012 07:30	0.0055				985	IU	0.83	37.99	0	14.38	111.25	84.97	986.183
08/04/2012 08:30	0.0031				985	IU	0.89	200.97	0	17.88	318.96	75.08	987.301
08/04/2012 09:30	0.0012				985	IU	2.6	214.31	0	22.12	521.72	57.29	988.089
08/04/2012 10:30	0.0008				985	IU	2.94	300.36	0	23.8	664.76	52.15	987.436
08/04/2012 11:30	0.0009				985	IU	3.65	275.84	0	25.25	774.71	50.18	987.486
08/04/2012 12:30	0.0006				985	IU	3.9	258.63	0	26.41	807.79	50	987.022
08/04/2012 13:30	0.0004				985	IU	4.29	219.65	0	26.66	606.55	53.26	986.489
08/04/2012 14:30	0.0009				985	IU	3.16	206.64	0	26.28	439.86	55.93	986.267
08/04/2012 15:30	0.0005				985	IU	4.57	168.33	0	26.21	480.9	59.16	986.451
08/04/2012 16:30	0.0014				985	IU	4.2	163.53	0	25.55	306.68	57.17	986.461
08/04/2012 17:30	0.0008				985	IU	2.8	158.85	0	24.53	141.52	59.72	986.693
08/04/2012 18:30	0.0024				985	IU	3.36	129.92	0	21.78	18.81	74.04	986.712
08/04/2012 19:30	0.0029				985	IU	4.66	97.83	0	20.61	12.98	79.29	987.231
08/04/2012 20:30	0.0023				985	IU	5.57	90.79	0	19.7	12.96	77.37	987.935
08/04/2012 21:30	0.0009				985	IU	5.98	83.18	0	19.18	12.91	71.6	988.857
08/04/2012 22:30	0.0015				985	IU	4.81	86.27	0	18.43	12.82	74.46	989.705
08/04/2012 23:30	0.0004				985	IU	4.07	81.04	0	17.8	12.82	79.79	990.225
09/04/2012 00:30	0.0004				985	IU	4.08	81.03	0	17.14	12.82	83.5	990.589
09/04/2012 01:30	0.0005				985	IU	3.83	87.55	0	16.57	12.89	86.53	990.523
09/04/2012 02:30	0.0006				985	IU	4.37	86.16	0	16.39	12.83	87.97	990.23
09/04/2012 03:30	0.0014				985	IU	4.56	75.4	0	16.12	12.8	89.13	990.025
09/04/2012 04:30	0.0005				985	IU	4.53	69.62	0	15.84	12.74	89.85	989.916
09/04/2012 05:30	0.0005				985	IU	5.3	75.92	0	15.48	12.73	90.69	989.965
09/04/2012 06:30	0.0005				985	IU	4.92	78.99	0	15.29	14.33	90.4	990.224
09/04/2012 07:30	0.0006				985	IU	5.5	78.14	0	15.71	103.2	88.91	990.545
09/04/2012 08:30	0.0004				985	IU	6.33	67.95	0	17.82	300.87	79.25	991.221
09/04/2012 09:30	0.0003				985	IU	7.51	68.18	0	20	492.2	66.46	991.711
09/0													

10/04/2012 05:30	0.0003				985	IU	5.35	48,08	0	19,43	12,73	85,53	988,095
10/04/2012 06:30	0.0003				985	IU	4.99	32,26	0	19,27	13,92	86,62	988,576
10/04/2012 07:30	0.0005				985	IU	4.82	34,72	0	19,39	41,77	86,28	988,539
10/04/2012 08:30	0.0007				985	IU	4.44	29,23	0	19,85	57,59	84,28	989,32
10/04/2012 09:30	0.0005				985	IU	4.69	39,3	0	20,18	91,49	83,23	989,729
10/04/2012 10:30	0.0004				985	IU	4.69	39,94	0	20,17	98,67	84,9	989,945
10/04/2012 11:30	0.0005				985	IU	3.86	36,09	0	21,2	229,01	80,63	990,146
10/04/2012 12:30	0.0007				985	IU	4.37	32,75	0	22,28	280,73	75,91	989,979
10/04/2012 13:30	0.0018				985	IU	2.92	28,92	0,2	22,43	179,2	77,01	989,721
10/04/2012 14:30	0.0039				985	IU	1.33	192,58	1,2	21,38	69,36	84,45	989,494
10/04/2012 15:30	0.0051				985	IU	2.58	148,44	1,4	19,38	51,95	91,77	989,04
10/04/2012 16:30	0.0093				985	IU	1,1	130,61	0,4	18,67	50,08	92,71	989,077
10/04/2012 17:30	0.0073				985	IU	1,98	178,06	1,4	17,6	21,49	92,97	989,977
10/04/2012 18:30	0.003				985	IU	1,4	146,74	1,8	16,62	13,27	93,21	989,073
10/04/2012 19:30	0.0027				985	IU	2,14	81,6	2,4	15,49	12,94	93,4	989,178
10/04/2012 20:30	0.0036				985	IU	2,2	33,91	2,4	14,56	12,91	93,46	989,667
10/04/2012 21:30	0.0013				985	IU	4,07	46,38	2,8	14,28	12,87	93,52	989,224
10/04/2012 22:30	0.0005				985	IU	4,23	38,02	1	14,24	12,85	93,21	988,973
10/04/2012 23:30	0.0006				985	IU	3,58	43,45	0,2	14,16	12,87	92,62	988,818
11/04/2012 00:30	0.0004				985	IU	3,18	42,89	0	13,98	12,85	91,98	988,951
11/04/2012 01:30	0.0006				985	IU	3,23	32,06	0	13,82	12,86	90,99	988,744
11/04/2012 02:30	0.0004				985	IU	2,9	28,36	0	13,64	12,88	90,09	988,345
11/04/2012 03:30	0.001				985	IU	2,24	18,47	0	13,41	12,84	91,33	987,631
11/04/2012 04:30	0.0015				985	IU	1,65	342,99	0	13,17	12,84	92,34	987,239
11/04/2012 05:30	0.0015				985	IU	1,91	352,22	0	13,2	12,85	93,06	987,605
11/04/2012 06:30	0.0052				985	IU	0,89	8,37	0	13,25	13,29	93,04	988,099
11/04/2012 07:30	0.0068				985	IU	1,04	9,38	0	13,35	40,32	92,82	988,712
11/04/2012 08:30	0.004				985	IU	1,45	346,07	0	13,58	83,38	91,87	989,625
11/04/2012 09:30	0.0043				985	IU	0,86	303,16	0	14	174,89	89,81	990,262
11/04/2012 10:30	0.0026				985	IU	2,63	284,02	0,2	14,92	301,04	84,45	990,461
11/04/2012 11:30	0.0029				985	IU	2,8	281,06	0	17,1	335,98	81,45	990,405
11/04/2012 12:30	0.0021				985	IU	4,02	261,95	0	19,23	440,59	78,53	990,022
11/04/2012 13:30	0.0013				985	IU	4,94	243,68	0	20,57	520,42	77,01	989,621
11/04/2012 14:30	0.002				985	IU	5,05	252,78	0	21,62	532,91	73,82	989,133
11/04/2012 15:30	0.0018				985	IU	4,31	226,48	0	21,92	472,19	74,75	988,888
11/04/2012 16:30	0.0023				985	IU	3,72	218,66	0	21,45	137,72	77,16	988,973
11/04/2012 17:30	0.0031				985	IU	2,73	202,7	0	20,73	57,42	81,49	988,975
11/04/2012 18:30	0.0086				985	IU	0,7	217	0	19,72	15,38	85,45	988,934
11/04/2012 19:30	0.0119				985	IU	0,4	184,78	0	18,21	13,26	89,95	989,171
11/04/2012 20:30	0.007				985	IU	0,71	163,23	0	16,47	13,15	91,9	989,658
11/04/2012 21:30	0.0092				985	IU	1,2	21,09	0	14,84	13,18	92,87	989,864
11/04/2012 22:30	0.0083				985	IU	0,38	139,61	0	13,42	13,17	93,44	990,039
11/04/2012 23:30	0.0073				985	IU	0,75	264,8	0	12,94	13,16	93,71	989,951
12/04/2012 00:30	0.0062				985	IU	0,65	337,55	0	12,38	12,99	93,91	989,864
12/04/2012 01:30	0.005				985	IU	1,1	286,17	0	12,08	12,98	94,07	989,664
12/04/2012 02:30	0.0022				985	IU	1,36	260,59	0	12,19	12,88	94,2	989,509
12/04/2012 03:30	0.0029				985	IU	0,75	326,93	0	12,25	12,87	94,25	989,246
12/04/2012 04:30	0.0023				985	IU	1,02	219,25	0	12,8	12,88	94,25	989,136
12/04/2012 05:30	0.0006				985	IU	2,07	187,89	0	13,15	12,87	94,25	989,504
12/04/2012 06:30	0.0019				985	IU	1,84	196,37	0	12,96	13,28	94,31	989,89
12/04/2012 07:30	0.0047				985	IU	0,95	216,87	0	12,89	63,2	94,34	990,254
12/04/2012 08:30	0.0024				985	IU	2,5	183,32	0,2	12,89	162,88	94,31	990,672
12/04/2012 09:30	0.0118				985	IU	2,78	155,34	0	12,57	140,71	94,25	991,096
12/04/2012 10:30	0.0105				985	IU	1,73	142,29	0	13,03	310,44	92,31	991,155
12/04/2012 11:30	0.0019				985	IU	2,64	181,86	0	13,25	393,41	84,44	990,981
12/04/2012 12:30	0.0004				985	IU	2,36	183,16	0	13,74	492,09	80,33	990,513
12/04/2012 13:30	0.0003				985	IU	2,94	206,74	0	15,46	633,01	75,73	989,829
12/04/2012 14:30	0.0003				985	IU	3,92	185,05	0	17,9	453,69	74,24	989,283
12/04/2012 15:30	0.0008				985	IU	2,99	191,69	0	18,42	396,88	71,41	989,062
12/04/2012 16:30	0.0026				985	IU	2,54	200,97	0	18,84	172,1	72,99	988,659
12/04/2012 17:30	0.004				985	IU	2,63	205,22	0	19,42	140,29	71,34	988,401
12/04/2012 18:30	0.008				985	IU	2,4	213,6	0	17,42	17,26	82,37	988,357
12/04/2012 19:30	0.0051				985	IU	1,77	198,52	0	16,37	13,06	86,21	988,54
12/04/2012 20:30	0.0089				985	IU	0,94	107,7	0	15,29	13,04	89,16	988,996
12/04/2012 21:30	0.0081				985	IU	0,75	106,7	0	14,5	12,91	91,22	989,195
12/04/2012 22:30	0.0091				985	IU	0,57	30,99	0	13,89	13,03	92,81	989,339
12/04/2012 23:30	0.0092				985	IU	0,69	44,61	0	13,12	13,4	93,44	989,055
13/04/2012 00:30	0.0085				985	IU	0,77	39,69	0	12,82	13,76	93,8	988,69
13/04/2012 01:30	0.0078				985	IU	0,71	49,9	0	12,17	12,8	93,97	988,239
13/04/2012 02:30	0.0058				985	IU	1,61	66	0	12,37	12,73	94,17	987,846
13/04/2012 03:30	0.0006				985	IU	2,76	54,4	0	13,32	12,72	94,25	987,535
13/04/2012 04:30	0.0003				985	IU	3,39	47,72	0	13,5	12,69	94,28	987,45
13/04/2012 05:30	0.0004				985	IU	3,1	46,16	0	13,39	12,62	94,29	987,647
13/04/2012 06:30	0.0003				985	IU	3,12	53,33	0	13,44	13,49	94,16	987,759
13/04/2012 07:30	0.0007				985	IU	3,11	30,27	0	13,38	41	93,53	988,12
13/04/2012 08:30	0.0002				985	IU	3,18	44,33	0	13,4	122,17	92,48	988,469
13/04/2012 09:30	0.0001				985	IU	3,39	50,14	0	13,8	231,12	89,98	988,775
13/04/2012 10:30	0.0002				985	IU	2,89	47,24	0	14,84	465,75	83,55	988,575
13/04/2012 11:30	0.0002				985	IU	2,52	57,76	0	16,71	727,23	73,86	988,191
13/04/2012 12:30	0.0002				985	IU	2	57,68	0	19,09	790,98	67,09	988,017
13/04/2012 13:30	0.0002				985	IU	1,44	114,25	0	20,11	371,92	65,79	987,106
13/04/2012 14:30	0.0002				985	IU	1,07	157,37	0	20,63	299,86	63,7	986,621
13/04/2012 15:30	0.0009				985	IU	2,27	152,3	0	20,96	288,56	64,92	986,231
13/04/2012 16:30	0.0032				985	IU	2,92	156,87	0	20,95	211,59	68,41	986,093
13/04/2012 17:30	0.0022				985	IU	2,6	149,99	0	19,6	70,27	79,32	985,776
13/04/2012 18:30	0.001				985	IU	3,55	121,35	0	18,64	14,01	80,69	986,033
13/04/2012 19:30	0.0006				985	IU	3,4	95,14	0	17,72	13,17	83,91	985,713
13/04/2012 20:30	0.0028				985	IU	2,6	92,65	0	17,04	13,13	84,85	985,625
13/04/2012 21:30	0.0046				985	IU	2,83	91,12	0	17,13	13,09	84,82	985,745
13/04/2012 22:30	0.0016				985	IU	3,16	78,48	0	16,88	13,08	84,74	985,924
13/04/2012 23:30	0.0036				985	IU	1,64	21,31	0	16,52	12,97	85,63	986,58
14/04/2012 00:30	0.0032				985	IU	1,38	48,59	0	16,52	12,8	84,32	986,64
14/04/2012 01:30	0.002				985	IU	3,24	23,33	0	16,73	12,77	80,01	985,537
14/04/2012 02:30	0.0011				985	IU	1,8	43,82	0	16,57	12,74	83,1	985,164
14/04/2012 03:30	0.0009				985	IU	2,8	115,78	0	15,96	12,72	8	

15/04/2012 01:30	0.0034				985	IU	1.23	31.93	0	11.79	12.32	93.1	986.031
15/04/2012 02:30	0.0032				985	IU	1.01	57.19	0	11.38	12.28	93.39	985.753
15/04/2012 03:30	0.0029				985	IU	0.77	2.37	0	11.24	12.23	93.63	985.791
15/04/2012 04:30	0.0027				985	IU	0.56	68.12	0	10.97	12.23	93.7	985.962
15/04/2012 05:30	0.0026				985	IU	0.67	19.2	0	10.9	12.19	93.8	986.586
15/04/2012 06:30	0.0031				985	IU	1.19	44.27	0	11	13.35	93.85	987.124
15/04/2012 07:30	0.0026				985	IU	0.73	153.62	0	10.87	41.67	93.85	988.036
15/04/2012 08:30	0.0021				985	IU	0.65	12.18	0	12.5	223.75	92.22	988.745
15/04/2012 09:30	0.0007				985	IU	1.74	277.2	0	15.47	419.59	77.38	989.48
15/04/2012 10:30	0.0006				985	IU	3.23	248.6	0	16.96	465.26	72.58	989.691
15/04/2012 11:30	0.0004				985	IU	1.83	335.04	0	18.03	476.19	73.79	988.794
15/04/2012 12:30	0.0002				985	IU	1.59	16.15	0	20.37	740.88	64.68	988.606
15/04/2012 13:30	0.0002				985	IU	1.84	122.35	0	21.46	518.18	59.3	988.415
15/04/2012 14:30	0.0039				985	IU	2.04	189.36	0	21.86	511.29	57.03	988.23
15/04/2012 15:30	0.0005				985	IU	2.93	212.8	0	22.25	502.48	58.04	988.095
15/04/2012 16:30	0.0008				985	IU	4.09	180.29	0	21.3	276.3	67.94	988.365
15/04/2012 17:30	0.0028				985	IU	2.85	166.48	0	19.08	60.63	82.39	988.529
15/04/2012 18:30	0.0026				985	IU	2.42	177.14	0	17.94	17.51	85.12	988.767
15/04/2012 19:30	0.0042				985	IU	1.5	180.97	0	16.37	12.97	88.99	989.408
15/04/2012 20:30	0.0043				985	IU	0.8	147.72	0	15.77	12.94	90.58	989.85
15/04/2012 21:30	0.0062				985	IU	0.91	61.26	0	14.92	12.94	91.8	990.152
15/04/2012 22:30	0.0094				985	IU	0.58	23.22	0	13.85	13.06	92.71	990.39
15/04/2012 23:30	0.0108				985	IU	0.42	70.59	0	13.3	13.22	93.37	990.544
16/04/2012 00:30	0.009				985	IU	0.48	106.85	0	12.41	13	93.67	990.622
16/04/2012 01:30	0.0093				985	IU	0.4	80.39	0	11.68	12.78	93.88	990.507
16/04/2012 02:30	0.0069				985	IU	0.88	64.7	0	10.92	12.65	94.05	990.328
16/04/2012 03:30	0.0042				985	IU	1.57	69.92	0	10.78	12.6	94.23	990.201
16/04/2012 04:30	0.0009				985	IU	3.42	52.42	0	11.96	12.58	94.29	990.482
16/04/2012 05:30	0.0012				985	IU	2.69	33.11	0	12.09	12.55	94.2	990.918
16/04/2012 06:30	0.0061				985	IU	2.09	0.58	0	11.4	13.54	93.96	991.379
16/04/2012 07:30	0.0061				985	IU	1.51	35.29	0	11.28	101.5	94	991.952
16/04/2012 08:30	0.0009				985	IU	1.44	62.99	0	12.81	294.61	89.69	992.509
16/04/2012 09:30	0.0003				985	IU	2.54	46.85	0	15.38	476.5	78.27	992.911
16/04/2012 10:30	0.0003				985	IU	3.41	35.3	0	18.71	626.18	65.14	992.901
16/04/2012 11:30	0.0011				985	IU	3.31	348.39	0	20.39	724.79	61.95	992.639
16/04/2012 12:30	0.0011				985	IU	2.92	344.04	0	21.62	760.73	57.19	992.288
16/04/2012 13:30	0.0005				985	IU	2.19	342.1	0	22.83	736.78	51.22	991.553
16/04/2012 14:30	0.0004				985	IU	1.42	332.4	0	23.85	674.77	45.85	990.921
16/04/2012 15:30	0.0057				985	IU	1.8	234.94	0	22.93	304.65	51.9	990.456
16/04/2012 16:30	0.0009				985	IU	2.02	151.88	0	23.99	333.85	48.87	990.366
16/04/2012 17:30	0.0008				985	IU	2.47	107.89	0	22.84	113.72	58.44	990.253
16/04/2012 18:30	0.0013				985	IU	3.18	88	0	19.73	15.82	76.06	990.235
16/04/2012 19:30	0.0041				985	IU	2.32	72.53	0	18.34	13.16	80.49	990.739
16/04/2012 20:30	0.0046				985	IU	2.33	85.4	0	16.98	13.06	85.04	990.987
16/04/2012 21:30	0.0024				985	IU	3.33	66.5	0	16.56	13	85.13	991.291
16/04/2012 22:30	0.0009				985	IU	2.05	65.06	0	16.14	12.94	84.59	991.601
16/04/2012 23:30	0.0024				985	IU	2.77	28	0	15.69	12.81	85.02	991.627
17/04/2012 00:30	0.0035				985	IU	3.1	22.51	0	15.27	12.93	86.69	991.389
17/04/2012 01:30	0.0004				985	IU	3.73	26.76	0	15.12	12.87	89.18	991.11
17/04/2012 02:30	0.0002				985	IU	3.68	26.49	0	15.07	12.82	89.17	990.913
17/04/2012 03:30	0.0002				985	IU	2.93	30.76	0	14.8	12.78	88.69	990.478
17/04/2012 04:30	0.0003				985	IU	2.97	30.9	0	14.37	12.75	89.26	990.1
17/04/2012 05:30	0.001				985	IU	1.22	64.4	0	13.48	12.75	91.11	990.243
17/04/2012 06:30	0.007				985	IU	0.48	134.8	0	12.59	13.63	92.7	990.507
17/04/2012 07:30	0.0041				985	IU	1.66	68.33	0	12.53	93	93.2	990.939
17/04/2012 08:30	0.0005				985	IU	3.49	48.67	0	15.01	276.29	86.94	991.321
17/04/2012 09:30	0.0001				985	IU	4.55	37.99	0	17.51	454.71	78.8	991.749
17/04/2012 10:30	0.0009				985	IU	3.64	6.62	0	18.98	610.37	74.43	991.806
17/04/2012 11:30	0.0008				985	IU	3.3	352.45	0	20.19	712.42	71.6	991.599
17/04/2012 12:30	0.0007				985	IU	2.17	348.71	0	22.13	732.27	64.42	990.911
17/04/2012 13:30	0.0014				985	IU	2.39	301.18	0	23.4	644.54	57.62	990.066
17/04/2012 14:30	0.0017				985	IU	2.61	285.51	0	24.07	539.49	55.3	989.378
17/04/2012 15:30	0.0022				985	IU	2.58	257.39	0	24.5	479.41	54.76	989.447
17/04/2012 16:30	0.0048				985	IU	2.53	240.39	0	24.16	273.56	57.66	989.384
17/04/2012 17:30	0.0071				985	IU	2.65	232.29	0	23.38	116.59	63.66	989.661
17/04/2012 18:30	0.0091				985	IU	2.89	233.57	0	20.58	15.28	75.48	990.185
17/04/2012 19:30	0.0085				985	IU	1.48	203.81	0	19.66	12.99	78.24	990.533
17/04/2012 20:30	0.0106				985	IU	1.51	4.8	0	17.9	12.97	85.02	990.719
17/04/2012 21:30	0.0068				985	IU	0.9	7.78	0	16.26	13.02	89.41	990.988
17/04/2012 22:30	0.0116				985	IU	0.53	150.29	0	15.61	12.9	91.4	991.291
17/04/2012 23:30	0.0087				985	IU	0.9	15.89	0	14.47	13.06	92.39	991.148
18/04/2012 00:30	0.0079				985	IU	1.09	17.86	0	13.42	12.93	92.97	990.754
18/04/2012 01:30	0.008				985	IU	0.69	2.06	0	12.72	12.85	93.31	990.472
18/04/2012 02:30	0.0065				985	IU	0.79	21.6	0	11.91	12.83	93.47	990.287
18/04/2012 03:30	0.0059				985	IU	0.57	5.47	0	11.32	12.73	93.73	989.999
18/04/2012 04:30	0.005				985	IU	0.83	37.13	0	11.02	12.85	93.91	989.952
18/04/2012 05:30	0.0044				985	IU	0.72	22.59	0	10.58	12.91	94.02	990.313
18/04/2012 06:30	0.005				985	IU	0.38	2.82	0	10.22	13.64	94.12	990.484
18/04/2012 07:30	0.0057				985	IU	0.39	13.15	0	10.73	93.31	94.22	991.016
18/04/2012 08:30	0.0055				985	IU	0.59	41.58	0	13.09	288.33	91.51	991.61
18/04/2012 09:30	0.0058				985	IU	0.55	28.37	0	18.15	467.01	75.85	991.957
18/04/2012 10:30	0.002				985	IU	1.1	199.13	0	20.83	612.1	66.06	991.994
18/04/2012 11:30	0.0014				985	IU	1.72	345.52	0	22.68	721.46	57.86	991.781
18/04/2012 12:30	0.0012				985	IU	1.82	236.17	0	23.56	748.22	54.86	991.284
18/04/2012 13:30	0.0014				985	IU	1.62	258.33	0	24.68	729.12	48.66	990.292
18/04/2012 14:30	0.0014				985	IU	2.05	298.01	0	25.47	641.75	39.54	989.516
18/04/2012 15:30	0.0014	-0.008	IR		985	IU	1.69	2.71	0	26	495.88	40.37	988.937
18/04/2012 16:30	0.0012	-0.0043	IR		985	IU	1.21	357.05	0	26.15	311.74	40.77	988.399
18/04/2012 17:30	0.0008	0.0014	IU	13			1.58	141.76	0	24.98	117.98	48.63	987.948
18/04/2012 18:30	0.0098	0.002	IU	41			0.75	94.11	0	22.41	13.86	60.95	988.211
18/04/2012 19:30	0.02	0.0034	IU	38			0.51	114.92	0	21.16	13.12	65.71	988.69
18/04/2012 20:30	0.0179	0.0035	IU	34			0.86	44.66	0	19.15	13.27	76.6	989.22
18/04/2012 21:30	0.0125	0.0038	IU	26			1.24	70.15	0	18.45	13.35	80.79	989.299
18/04/2012 22:30	0.009	0.0037	IU	32			0.89	108.98	0	18.07	13.39	83.39	988.896
18/04/2012 23:30	0.007	0.0028	IU	22			1.21	96.42	0	17.48			

19/04/2012 21:30	0.006		0.0001	IU	12		1.14	331.86	0	14.9	12.8	91.41	988.069
19/04/2012 22:30	0.007		-0.0004	IR	11		1.27	339.34	0	13.99	12.81	93.03	988.239
19/04/2012 23:30	0.0064		-0.001	IR	11		1.01	9.95	0	12.67	12.76	93.47	988.067
20/04/2012 00:30	0.0079		-0.0013	IR	13		1.45	39.19	0	11.53	12.85	93.72	987.755
20/04/2012 01:30	0.0069		-0.0015	IR	12		0.73	13.32	0	11.16	12.91	93.89	987.503
20/04/2012 02:30	0.0057		-0.0018	IR	5		0.53	23.29	0	10.64	12.8	94	987.453
20/04/2012 03:30	0.0049		-0.0028	IR	2		0.68	26.4	0	10.34	12.6	94.11	987.183
20/04/2012 04:30	0.0053		-0.003	IR	5		1.08	343.75	0	10.33	12.48	94.2	986.961
20/04/2012 05:30	0.0054		-0.0033	IR	8		0.54	353.19	0	10.15	12.45	94.26	987.129
20/04/2012 06:30	0.0057		-0.0036	IR	7		0.58	12.24	0	9.99	13.17	94.33	987.336
20/04/2012 07:30	0.0042		-0.0034	IR	6		0.44	53.02	0	9.83	82.83	94.36	987.825
20/04/2012 08:30	0.0025		-0.0042	IR	8		0.53	63.36	0	11.64	274.02	94.01	988.321
20/04/2012 09:30	0.0018		-0.0037	IR	12		1.62	249.07	0	14.2	450.47	80.66	988.487
20/04/2012 10:30	0.0011		-0.0021	IR	11		1.98	238.36	0	18.47	592.5	67.38	988.093
20/04/2012 11:30	0.001		0.0001	IU	18		1.75	296.5	0	20.72	693.82	61.71	987.379
20/04/2012 12:30	0.0011		0.0024	IU	14		2.14	280.1	0	22.23	733.71	58.42	986.649
20/04/2012 13:30	0.0006		0.0028	IU	12		2.15	249.11	0	23.28	710.38	54.96	985.624
20/04/2012 14:30	0.0012		0.0022	IU	9		2.3	241.33	0	23.95	625.4	52.55	985.003
20/04/2012 15:30	0.0015		0.0015	IU	10		2.43	213.3	0	24.3	484.45	51.3	984.58
20/04/2012 16:30	0.0022		0.0015	IU	17		2.35	244.3	0	24.48	305.6	50.54	984.19
20/04/2012 17:30	0.007		0.0018	IU	16		2.19	275.21	0	23.95	109.12	54.45	984.09
20/04/2012 18:30	0.0073		0.0018	IU	17		2.4	263.94	0	21.25	14.46	68.05	984.419
20/04/2012 19:30	0.0082		0.0024	IU	11		1.59	223.12	0	19.2	12.86	75.27	985.103
20/04/2012 20:30	0.0068		0.0026	IU	9		0.57	140.2	0	17.95	13.13	81.84	985.86
20/04/2012 21:30	0.0126		0.0028	IU	24		1.51	11.01	0	16.23	13.09	88.33	986.322
20/04/2012 22:30	0.0105		0.0023	IU	23		0.53	57.76	0	14.87	13.19	90.14	986.669
20/04/2012 23:30	0.0097		0.0018	IU	21		0.7	46.51	0	13.91	13.14	92.49	986.682
21/04/2012 00:30	0.0081		0.0009	IU	15		0.98	1.43	0	12.87	13.57	93.07	986.518
21/04/2012 01:30	0.007		-0.0001	IR	19		0.67	25.84	0	11.94	13.14	93.17	986.267
21/04/2012 02:30	0.0062		-0.0006	IR	10		0.45	9.86	0	11.29	12.61	93.26	986.19
21/04/2012 03:30	0.0059		-0.0015	IR	9		0.81	16.24	0	10.84	12.57	93.43	986.295
21/04/2012 04:30	0.005		-0.0022	IR	10		1.03	359.92	0	10.48	12.54	93.68	986.644
21/04/2012 05:30	0.0057		-0.0028	IR	8		1.02	6.81	0	10.35	12.51	93.84	987.043
21/04/2012 06:30	0.0047		-0.0035	IR	7		1.27	34.14	0	10.25	13.06	93.85	987.42
21/04/2012 07:30	0.0077		-0.0035	IR	12		0.67	24.44	0	10.53	84.01	93.79	987.833
21/04/2012 08:30	0.0044		-0.0037	IR	17		1.72	188.11	0	12.21	204.06	91.46	989.007
21/04/2012 09:30	0.0041		0.0093	IU	48		4.25	165.38	0	13.58	256.93	84.82	989.633
21/04/2012 10:30	0.0045		0.0024	IU	36		4.99	161.51	0	13.88	158.42	84.71	990.149
21/04/2012 11:30	0.001		0.0011	IU	43		6.29	172.43	0	15.22	141.92	81.48	990.58
21/04/2012 12:30	0.0014		0.0029	IU	38		5.47	152.09	0	16.36	450.87	71.7	990.827
21/04/2012 13:30	0.0027		0.0218	IU	68		5.53	161.94	0	17.84	496.51	66.39	990.68
21/04/2012 14:30	0.0001		-0.0016	IR	27		6.18	174.85	0	18.81	541.6	63.09	990.237
21/04/2012 15:30	0.0004		0.0031	IU	23		7.05	166.1	0	18.94	413.36	58.63	990.445
21/04/2012 16:30	0.0017		0.0134	IU	35		6.22	166.62	0	19.09	279.35	57.27	990.879
21/04/2012 17:30	0.0005		0.0004	IU	21		5.45	163.33	0	18.17	101.26	58.94	991.273
21/04/2012 18:30	0.0023		0.0002	IU	43		3.94	162.41	0	15.89	14.18	72.32	991.828
21/04/2012 19:30	0.0003		-0.0012	IR	34		4.13	144.47	0	15.44	12.71	75.62	992.486
21/04/2012 20:30	0.0006		-0.0022	IR	31		3.65	151.1	0	14.47	12.67	78.14	993.248
21/04/2012 21:30	0.0003		-0.0031	IR	25		4.45	136.76	0	14.01	12.63	78.83	993.997
21/04/2012 22:30	0.0001		-0.0045	IR	26		3.6	124.15	0	13.28	12.45	78.97	994.409
21/04/2012 23:30	0.0002		-0.0054	IR	17		2.83	118.87	0	12.63	12.36	79.78	994.522
22/04/2012 00:30	0.0024		-0.0061	IR	17		1.13	96.03	0	11.87	12.37	82.8	994.661
22/04/2012 01:30	0.0043		-0.0066	IR	27		0.8	162.63	0	11.37	12.39	84.27	994.679
22/04/2012 02:30	0.0084		-0.0045	IR	19		0.83	199.87	0	10.62	12.31	85.55	994.595
22/04/2012 03:30	0.0087		-0.0058	IR	23		0.75	149.75	0	10.16	12.27	87.31	994.246
22/04/2012 04:30	0.0077		-0.0069	IR	16		0.49	88.74	0	9.39	12.12	88.58	994.159
22/04/2012 05:30	0.0047		-0.0079	IR	20		1.46	281.05	0	8.62	12.04	90.82	994.37
22/04/2012 06:30	0.0026		-0.0092	IR	11		1.47	276.84	0	8.24	12.64	91.62	994.91
22/04/2012 07:30	0.0025		-0.0094	IR	12		0.7	340.69	0	8.14	92.71	92.09	995.109
22/04/2012 08:30	0.0019		-0.0097	IR	27		0.75	12.83	0	10.69	281.25	85.84	995.508
22/04/2012 09:30	0.0051		0.024	IU	40		1.27	146.77	0	13.57	464.76	73.57	995.98
22/04/2012 10:30	0.0021		0.0071	IU	30		3.58	183.62	0	15.51	599.33	62.31	996.178
22/04/2012 11:30	0.0062		0.066	IU	52		2.92	171.61	0	16.65	634.35	55.34	995.785
22/04/2012 12:30	0.0064		0.0577	IU	38		2.88	128.16	0	17.93	739.41	49.6	995.069
22/04/2012 13:30	0.0054		0.0512	IU	36		2.23	151.41	0	18.65	708.95	47.32	994.057
22/04/2012 14:30	0.0008		0.0056	IU	21		2.89	178	0	18.93	622.88	48.54	993.294
22/04/2012 15:30	0.001		0.0044	IU	30		2.65	191.55	0	19.05	480.42	46.86	992.855
22/04/2012 16:30	0.0001		-0.0016	IR	16		2.81	197.98	0	18.91	302.34	47	992.684
22/04/2012 17:30	0.0008		-0.0015	IR	23		2.74	176.21	0	17.75	101.11	53.14	992.288
22/04/2012 18:30	0.0054		-0.0011	IR	30		2.39	198.34	0	15.55	14.08	64.36	992.351
22/04/2012 19:30	0.0034		-0.002	IR	34		2.22	195.17	0	14.32	12.58	69.75	992.547
22/04/2012 20:30	0.0051		-0.003	IR	34		1.07	114.1	0	13.93	12.49	71.64	992.69
22/04/2012 21:30	0.0118		-0.0038	IR	29		1.22	24.05	0	13.23	12.45	78.56	992.638
22/04/2012 22:30	0.0115		-0.005	IR	27		0.5	112.15	0	12.99	12.41	80.52	992.765
22/04/2012 23:30	0.0094		-0.0055	IR	21		1.02	31.59	0	12.86	12.39	83.37	992.585
23/04/2012 00:30	0.0109		-0.0062	IR	11		1.15	36.3	0	12.88	12.38	83.72	991.981
23/04/2012 01:30	0.0099		-0.0067	IR	16		1.13	47.2	0	12.88	12.34	84.72	991.605
23/04/2012 02:30	0.0064		-0.0075	IR	14		1.45	174.27	0	12.71	12.33	85.8	991.384
23/04/2012 03:30	0.0045		-0.0075	IR	14		0.84	109.34	0	12.71	12.29	84.64	990.973
23/04/2012 04:30	0.0038		-0.0078	IR	11		0.94	350.99	0	12.09	12.27	87.22	990.904
23/04/2012 05:30	0.0045		-0.0083	IR	9		0.62	275.2	0	12.24	12.27	87.57	991.194
23/04/2012 06:30	0.0063		-0.0083	IR	10		1.05	355.9	0	12.32	12.43	88.74	991.551
23/04/2012 07:30	0.0063		-0.0081	IR	11		0.72	203.25	0	12.28	37.78	89.59	992.307
23/04/2012 08:30	0.0058		-0.0078	IR	17		0.63	326.83	0	13.54	102.4	82.64	992.728
23/04/2012 09:30	0.0025		-0.0084	IR	18		2.27	204.54	0	14.39	138.54	76.69	993.288
23/04/2012 10:30	0.0024		-0.0081	IR	18		1.92	268.96	0	15.37	269.98	68.59	993.335
23/04/2012 11:30	0.0007		-0.0081	IR	7		3.57	209.99	0	17.29	555.06	51.58	993.368
23/04/2012 12:30	0.0006		-0.0074	IR	9		4.22	207.21	0	18.12	685.16	48.65	993.06
23/04/2012 13:30	0.0005		-0.0069	IR	9		4.36	212.53	0	18.95	695.1	46.91	992.686
23/04/2012 14:30	0.0006		-0.0056	IR	10		4.74	208.12	0	18.47	336.82	51.36	992.196
23/04/2012 15:30	0.001		-0.0046	IR	16		4.84	198.52	0	18.24	232		

24/04/2012 17:30	0.0093	0.0076	IU	28	2.89	180.65	0	14.75	55.74	60.77	990.087
24/04/2012 18:30	0.0109	0.0081	IU	31	2.29	211.19	0	13.42	2.94	67.44	990.194
24/04/2012 19:30	0.0057	0.0075	IU	27	2.01	194.15	0	12.11	2.08	73.99	990.691
24/04/2012 20:30	0.0104	0.0073	IU	29	1.46	171.7	0	11.44	2.02	78.42	991.167
24/04/2012 21:30	0.0126	0.007	IU	29	0.9	48.87	0	11.26	2.07	79.18	991.536
24/04/2012 22:30	0.0115	0.0069	IU	34	1.23	50.96	0	9.71	2.05	85.23	991.6
24/04/2012 23:30	0.0111	0.0061	IU	22	1.3	50.02	0	8.7	1.95	89.27	991.265
25/04/2012 00:30	0.0117	0.0058	IU	30	0.9	40.48	0	8.28	1.91	90.42	991.077
25/04/2012 01:30	0.0119	0.0051	IU	32	0.85	11.32	0	7.67	1.89	90.83	991.023
25/04/2012 02:30	0.0107	0.0042	IU	28	0.57	35.05	0	7.11	1.89	91.63	990.792
25/04/2012 03:30	0.0119	0.0034	IU	6	0.48	67.36	0	7.07	1.94	92.45	990.286
25/04/2012 04:30	0.0107	0.0024	IU	8	0.74	68.04	0	6.75	1.91	92.64	989.918
25/04/2012 05:30	0.0117	0.0022	IU	8	0.98	60.01	0	6.37	1.98	92.9	989.997
25/04/2012 06:30	0.0124	0.0016	IU	6	0.7	114.65	0	6.25	2.48	92.9	990.531
25/04/2012 07:30	0.0085	0.001	IU	6	0.76	116.56	0	6.5	70.6	92.89	990.639
25/04/2012 08:30	0.0037	0.0005	IU	9	1.64	82.35	0	9.71	256.57	85.94	990.637
25/04/2012 09:30	0.0023	0.001	IU	20	4.1	78.19	0	14.15	433.11	67.09	990.379
25/04/2012 10:30	0.0021	0.0019	IU	16	4.59	73.45	0	16.53	576.25	54.77	990.178
25/04/2012 11:30	0.0021	0.0028	IU	7	4.32	79.94	0	17.8	672.84	48.68	989.645
25/04/2012 12:30	0.0018	0.0039	IU	5	4.28	80.92	0	18.87	708.83	45.43	989.043
25/04/2012 13:30	0.0024	0.0056	IU	7	4.69	104.78	0	19.37	681.07	44.53	987.923
25/04/2012 14:30	0.0026	0.0066	IU	18	4.74	107.62	0	19.87	594.93	41.48	987.599
25/04/2012 15:30	0.0019	0.0077	IU	16	5.25	85.05	0	20.39	453.72	41.66	987.587
25/04/2012 16:30	0.0021	0.0086	IU	19	4.93	82.46	0	20.16	255.82	42.61	987.727
25/04/2012 17:30	0.0024	0.0089	IU	20	4.57	91.2	0	18.66	78.31	52.99	987.459
25/04/2012 18:30	0.0055	0.0075	IU	31	3.57	75.1	0	16.12	3.11	67.86	987.378
25/04/2012 19:30	0.0047	0.0065	IU	29	3.53	78.77	0	15.88	2.31	70.41	987.158
25/04/2012 20:30	0.0026	0.0055	IU	17	4.69	78.76	0	15.53	2.37	68.88	986.923
25/04/2012 21:30	0.0026	0.0049	IU	15	4.76	86.25	0	14.75	2.3	73.5	986.866
25/04/2012 22:30	0.0025	0.0043	IU	16	4.52	93.39	0	13.75	2.27	81.49	986.631
25/04/2012 23:30	0.0024	0.0036	IU	6	4.73	73.4	0	13.79	2.19	81.13	986.831
26/04/2012 00:30	0.0025	0.0028	IU	5	3.15	84.41	0	13.05	2.18	84.17	986.486
26/04/2012 01:30	0.0025	0.0023	IU	20	3.32	71.08	0	12.68	2.14	85.79	985.893
26/04/2012 02:30	0.0034	0.002	IU	7	3.63	112.67	0	13.03	2.08	84.77	985.867
26/04/2012 03:30	0.0025	0.0019	IU	6	3.67	115	0	13.17	2.04	84.09	986.008
26/04/2012 04:30	0.0032	0.0014	IU	10	2.46	83.65	0	12.72	2.03	85.51	985.152
26/04/2012 05:30	0.0034	0.0013	IU	12	2.35	125.9	0	12.2	2.01	86.54	984.991
26/04/2012 06:30	0.0035	0.0009	IU	17	2.94	134.24	0	12.37	2.09	86.15	985.869
26/04/2012 07:30	0.0094	0.0013	IU	20	2.04	171.94	0	11.91	37.83	88.03	986.102
26/04/2012 08:30	0.004	0.0008	IU	30	2.88	160.7	0	13.53	126.33	83.19	986.443
26/04/2012 09:30	0.0028	0.0006	IU	13	3.49	147.19	0	15.1	233.04	76.56	986.697
26/04/2012 10:30	0.0025	0.0009	IU	13	3.31	123.93	0	16.25	275.27	73.25	987.158
26/04/2012 11:30	0.0019	0.0014	IU	13	3.99	118.46	0	17.39	311.72	70.35	987.041
26/04/2012 12:30	0.004	0.0053	IU	14	4.48	178.49	0	17.26	216.72	72.86	986.339
26/04/2012 13:30	0.0032	0.0035	IU	12	3.7	174.71	1	15.34	78.57	85.02	985.563
26/04/2012 14:30	0.004	0.0041	IU	16	4.06	193.1	0.4	14.37	132.39	90.23	985.217
26/04/2012 15:30	0.0028	0.003	IU	2	3.48	174.7	0	15.52	390.89	82.01	985.254
26/04/2012 16:30	0.0029	0.003	IU	1	3.97	189.69	0	16.48	190.57	72.79	985.545
26/04/2012 17:30	0.0057	0.0031	IU	4	2.67	188.85	0	16.22	43.33	74.72	985.813
26/04/2012 18:30	0.0131	0.0036	IU	22	1.76	209.86	0	15.23	3.11	76.57	985.977
26/04/2012 19:30	0.0087	0.0035	IU	14	1.75	226.35	0	13.78	2.17	80.85	986.241
26/04/2012 20:30	0.0051	0.0032	IU	11	3.22	222.77	0	12.64	2.19	84.05	986.714
26/04/2012 21:30	0.0033	0.0027	IU	10	3.57	221.46	0	12.55	2.14	84.78	987.073
26/04/2012 22:30	0.0042	0.0017	IU	18	3.21	209.55	0	12.3	2.11	85.7	987.225
26/04/2012 23:30	0.0042	0.0017	IU	6	3.2	205.42	0	11.39	2.06	88.89	987.202
27/04/2012 00:30	0.0035	0.0012	IU	5	3.72	207.66	0	11.56	1.98	89.51	987.168
27/04/2012 01:30	0.0028	0.0004	IU	8	4.12	210.61	0	11.54	1.95	88.46	987.548
27/04/2012 02:30	0.0024	0.0002	IU	11	3.33	214.65	0	10.21	1.92	86.76	987.549
27/04/2012 03:30	0.0032	-0.0003	IR	9	1.63	290.36	0	9.35	1.89	87.55	987.517
27/04/2012 04:30	0.0035	-0.0001	IR	8	2.04	308.08	0	8.42	1.81	91.44	987.505
27/04/2012 05:30	0.0031	-0.0008	IR	10	1.73	323.57	0	8.11	1.76	92.76	987.854
27/04/2012 06:30	0.0039	-0.0012	IR	12	1.87	297.37	0	7.27	2.12	93.44	988.348
27/04/2012 07:30	0.0046	-0.0012	IR	9	2.68	299.78	0	7.11	67.15	93.75	989.24
27/04/2012 08:30	0.0038	-0.0017	IR	9	3.22	294.53	0	8.68	251.88	91.79	990.077
27/04/2012 09:30	0.0032	-0.0012	IR	7	3.07	240.02	0	11.16	430.37	79.21	990.514
27/04/2012 10:30	0.0029	0	IU	3	3.32	237.57	0	13.1	582.34	71.19	990.975
27/04/2012 11:30	0.0029	0.0011	IU	5	3.65	230.84	0	14.59	632.81	65.29	991.131
27/04/2012 12:30	0.0028	0.0025	IU	985	IU	3.16	220.6	15.78	601.72	61.44	990.638
27/04/2012 13:30	0.0021	0.003	IU	985	IU	3.78	195.76	16.69	554.43	59.03	989.581
27/04/2012 14:30	0.0022	0.0041	IU	5	4.3	181.02	0	17.47	574.38	55.99	988.871
27/04/2012 15:30	0.003			7	4.12	172.1	0	17.9	398.77	55.37	988.427
27/04/2012 16:30	0.0054			20	3.16	157.68	0	17.89	200.83	56.15	988.508
27/04/2012 17:30	0.0028			15	3.04	134.81	0	17.05	32.69	62.51	988.778
27/04/2012 18:30	0.005			15	1.9	149.11	0	15.77	2.78	69.42	989.36
27/04/2012 19:30	0.0122			24	1.13	140.51	0	14.65	2.22	75.22	989.885
27/04/2012 20:30	0.0119			21	0.81	141.34	0	13.38	2.19	79.53	990.158
27/04/2012 21:30	0.012			17	1.62	56.67	0	12.14	2.16	83.93	990.22
27/04/2012 22:30	0.0134			11	1.56	56.73	0	11.51	2.15	84.95	990.221
27/04/2012 23:30	0.0144			18	1.36	42.06	0	10.96	2.14	85.87	990.242
28/04/2012 00:30	0.0124			10	1.1	53.59	0	10.22	2.06	88.08	990.201
28/04/2012 01:30	0.0106			15	1.64	36.08	0	9.92	2.06	89.04	990.11
28/04/2012 02:30	0.009			9	1.92	49.58	0	9.59	2.03	89.93	989.935
28/04/2012 03:30	0.0059			8	0.9	121.4	0	9.41	1.97	91.33	989.385
28/04/2012 04:30	0.0054			11	0.75	142.14	0	10.11	1.93	92.17	989.156
28/04/2012 05:30	0.0048			13	1.51	105.29	0	9.72	1.89	92.27	988.903
28/04/2012 06:30	0.0046			9	1.89	77.41	0	9.45	1.99	92.75	988.059
28/04/2012 07:30	0.0033			18	1.46	111.89	0	10.33	24.46	93.24	988.188
28/04/2012 08:30	0.004			27	2.08	149.1	0	11.64	102.93	93.23	989.193
28/04/2012 09:30	0.0042			33	2.64	268.73	0	11.71	87.39	91.42	990.416
28/04/2012 10:30	0.005			57	3.79	182.89	0	12.16	199.65	90.8	989.145
28/04/2012 11:30	0.0054			45	4.86	172.02	0	13.58	252.23	86.22	988.017
28/04/2012 12:30	0.0048			44	3.93	182.22	0	14.6	141.41	83.58	988.052
28/04/2012 13:30	0.0035			30	4.46	178.3	0	15.08	178.76	83.07	987.194
28/04/2012 14:30	0.0058			26	4.42	166.82	0.8	15.41	161.89	83.09	986.485
28/04/2012 15:30	0.0041			16	3.94	205.56	11.8	14.53	52.8	83.23	986.085
28/04/2012 16:30	0.0039			11	2.09	129.01	0.4	14.87	35.2	84.52	985.725
28/04/2012 17:30	0.0032			13	2.17	151.39	0.4	14.12	11.8	90.93	985.46
28/04/2012 18:30	0.002			10	4.65	152.78	0.2	13.23	2.15	92.16	985.278
28/04/2012 19:30	0.0031			5	4.08	166.03	1	12.42	2.01	92.5	985.702
28											

29/04/2012 13:30	0,0019				6	4,42	206,67		0		13,85		241,18		67,94		990,752
29/04/2012 14:30	0,0022				9	4,93	208,94		0		14,31		194,3		65,43		990,714
29/04/2012 15:30	0,002				8	5,37	211,08		0		14,68		185,9		63		990,803
29/04/2012 16:30	0,0021				9	4,58	210,24		0		14,87		107,06		63,49		990,805
29/04/2012 17:30	0,0024				9	4,07	202,64		0		14,43		25,4		68,99		991,445
29/04/2012 18:30	0,0041				10	2,57	215,25		0		13,76		2,35		74,87		991,769
29/04/2012 19:30	0,0034				9	3,53	227,58		0		12,74		2,06		78,24		992,163
29/04/2012 20:30	0,0036				9	3,66	233,16		0		11,67		2,03		84,46		992,674
29/04/2012 21:30	0,0028				9	3,66	234,55		0		11,75		2,01		85,59		993,224
29/04/2012 22:30	0,0022				6	3,6	226,22		0		11,64		1,98		85,03		993,541
29/04/2012 23:30	0,0029				10	2,95	227,9		0		10,82		1,97		88,2		993,549
30/04/2012 00:30	0,0026				8	2,08	220,81		0		10,66		1,96		88,06		993,599
30/04/2012 01:30	0,0024				5	2,23	233,15	IE	0	IE	10,5	IE	1,98	IE	87,95	IE	993,562
30/04/2012 02:30	0,0025				5												
30/04/2012 03:30	0,0022				5												
30/04/2012 04:30	0,0024				5												
30/04/2012 05:30	0,0023				0												
30/04/2012 06:30	0,0023				2												
30/04/2012 07:30	0,0035				3												
30/04/2012 08:30	0,0027				5												
30/04/2012 09:30	0,0032				9												
30/04/2012 10:30	0,0023				10												
30/04/2012 11:30	0,002				6												
30/04/2012 12:30	0,0022				5												
30/04/2012 13:30	0,0023				5												
30/04/2012 14:30	0,0025				0												
30/04/2012 15:30	0,0029				1												
30/04/2012 16:30	0,0033				4												
30/04/2012 17:30	0,0053				6												
30/04/2012 18:30	0,0079				17												
30/04/2012 19:30	0,0059				5												
30/04/2012 20:30	0,006				15												
30/04/2012 21:30	0,0043				13												
30/04/2012 22:30	0,0049				9												
30/04/2012 23:30	0,0055				8												

Flags:

- IU - Invalidado pelo Usuário
- IR - Valor fora da faixa de leitura
- IC - Instrumento em Calibração
- IE - Invalidado pelo Equipamento