

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
1/3/2012 00:30:00	0.0015		0.0042		9		0.0252		2,6		177,76		0		18,44		8,62		95,59		981,694	
1/3/2012 01:30:00	0.0015		0.0042		10		0.0242		2,81		133,68		0		18,38		8,4		96,21		981,026	
1/3/2012 02:30:00	0.0016		0.0042		9		0.0231		3,48		105,14		0		18,49		8,21		96,79		979,996	
1/3/2012 03:30:00	0.0014		0.0042		5		0.0247		3,71		105,21		0		18,7		8,37		97,14		979,787	
1/3/2012 04:30:00	0.0014		0.0042		3		0.0245		3,58		103,82		0		18,74		8,38		97,37		979,747	
1/3/2012 05:30:00	0.0016		0.0042		2		0.0228		1,85		200,45		6,8		18,91		8,39		97,36		981,661	
1/3/2012 06:30:00	0.002		0.0045		0		0.0197		1,47		231,49		5,8		18,89		12,7		97,31		981,594	
1/3/2012 07:30:00	0.0019		0.0045		-1	IR	0.0188		3,79		162		0		18,54		49,94		97,43		980,195	
1/3/2012 08:30:00	0.0016		0.0043		1		0.0179		4,44		132,66		0		18,58		93,46		97,47		979,38	
1/3/2012 09:30:00	0.0015		0.0043		0		0.0206		5,52		51,84		0		19,16		84,08		97,45		978,907	
1/3/2012 10:30:00	0.0016		0.0043		3		0.0245		3,72		348,21		0		19,77		177,87		95,43		980,262	
1/3/2012 11:30:00	0.0016		0.0043		4		0.0282		3,55		340,62		0		21,01		338,83		86,69		980,275	
1/3/2012 12:30:00	0.0015		0.0042		0		0.03		4,46		321,61		0		22,57		672,12		78,55		979,457	
1/3/2012 13:30:00	0.0015		0.0043		3		0.0301		5,14		296,64		0,2		23,16		589,2		74,18		979,119	
1/3/2012 14:30:00	0.0015		0.0043		3		0.0274		4,45		262,57		0,8		23,38		412,14		75,72		978,917	
1/3/2012 15:30:00	0.0018		0.0043		1		0.0284		5,17		207,04		0,8		20,62		413,52		89,47		979,138	
1/3/2012 16:30:00	0.0016		0.0043		3		0.032		5,31		161,2		0		20,48		455,28		86,27		979,205	
1/3/2012 17:30:00	0.0021		0.0043		3		0.0287		3,7		181,79		0,4		20,41		137,65		87,13		980,211	
1/3/2012 18:30:00	0.002		0.0043		4		0.0273		2,66		171,01		0		20,51		75,57		85,92		980,766	
1/3/2012 19:30:00	0.0022		0.0043		3		0.0255		3,26		183,39		0		19,95		7,6		86,68		981,99	
1/3/2012 20:30:00	0.0017		0.0043		4		0.0256		3,48		181,49		0		19,14		6,22		86,55		982,954	
1/3/2012 21:30:00	0.0017		0.0043		6		0.0247		2,49		167,24		0		18,34		5,6		89		983,744	
1/3/2012 22:30:00	0.0017		0.0043		6		0.0236		2,49		166,55		0		17,85		5,42		90,51		983,795	
1/3/2012 23:30:00	0.0017		0.0043		7		0.023		2,44		172,67		0		17,45		4,56		88,74		983,902	
2/3/2012 00:30:00	0.0017		0.0043		8		0.0217		2,5		198,92		0		16,87		4,2		90,23		984,207	
2/3/2012 01:30:00	0.0017		0.0043		7		0.0207		2,67		205,18		0		16,39		3,55		91,98		984,391	
2/3/2012 02:30:00	0.0015		0.0042		7		0.0227		2,82		186,21		0		16,51		3,34		89,27		983,958	
2/3/2012 03:30:00	0.0015		0.0042		8		0.0222		1,85		187,98		0		16,22		3,26		89,57		984,181	
2/3/2012 04:30:00	0.0015		0.0043		10		0.0224		3,06		196,18		0		16,11		3,34		89,39		984,704	
2/3/2012 05:30:00	0.0015		0.0042		10		0.0219		3,86		202,02		0		15,92		4,48		89,64		985,515	
2/3/2012 06:30:00	0.0018		0.0042		7		0.0212		3,09		203,67		0		15,5		26,42		90,31		986,405	
2/3/2012 07:30:00	0.0021		0.0043		8		0.0222		2,82		184,43		0		16,04		145,34		93,48		987,053	
2/3/2012 08:30:00	0.0018		0.0043		10		0.0236		2,34		175,75		0		16,56		246,03		93,36		987,79	
2/3/2012 09:30:00	0.0017		0.0043		9		0.0244		2,19		167,4		0		17,53		301,54		88,28		988,266	
2/3/2012 10:30:00	0.0015		0.0042		6		0.0253		2,07		159,85		0		18,6		488,24		81,97		988,599	
2/3/2012 11:30:00	0.0015		0.0041		8		0.0259		1,67		174,32		0		20,41		786,76		74,27		988,45	
2/3/2012 12:30:00	0.0013		0.0042		9		0.0267		2,59		184,56		0		21,2		991,28		69,1		988,339	
2/3/2012 13:30:00	0.0013		0.0042		7		0.0269		1,85		206,08		0		22,68		946,39		62,26		987,957	
2/3/2012 14:30:00	0.0013		0.0043		5		0.0273		2,26		184,39		0		23,51		848,95		56,18		987,524	
2/3/2012 15:30:00	0.0013		0.0042		1		0.0277		1,92		175,64		0		24,42		721,28		52,47		987,12	
2/3/2012 16:30:00	0.0014		0.0043		7		0.0277		2,05		159,79		0		24,55		516,81		52,54		986,851	
2/3/2012 17:30:00	0.0015		0.0043		14		0.0275		1,57		190,38		0		24,56		289,29		52,61		986,988	
2/3/2012 18:30:00	0.0024		0.0043		13		0.0256		1,17		155,17		0		24,38		94,52		52,72		987,061	
2/3/2012 19:30:00	0.0053		0.0046		42		0.023		1,5		173,54		0		22,77		8,18		59,24		987,279	
2/3/2012 20:30:00	0.002		0.0044		12		0.023		3,05		132,82		0		21,48		6,1		65,34		987,796	
2/3/2012 21:30:00	0.0016		0.0043		985	IU	0.0214		4,02		111,37		0		19,95		5,81		74,41		988,348	
2/3/2012 22:30:00	0.0017		0.0043		13		0.0199		3,38		106,97		0		18,96		5,31		78,36		988,65	
2/3/2012 23:30:00	0.0016		0.0043		12		0.0199		3,28		106,37		0		18,34		3,82		81,42		988,551	
3/3/2012 00:30:00	0.0016		0.0043		6		0.0193		2,72		94,23		0		17,89		4,48		83,89		988,483	
3/3/2012 01:30:00	0.0016		0.0043		6		0.0187		2,16		87,52		0		17,53		4,25		87,57		988,336	
3/3/2012 02:30:00	0.0015		0.0043		8		0.0186		1,85		73,92		0		17,26		4,29		89,37		988,061	
3/3/2012 03:30:00	0.0025		0.0056		10		0.0166		1,61		60,81		0		17,09		4,5		91,21		987,914	
3/3/2012 04:30:00	0.0022		0.0049		13		0.0173		1,5		75,69		0		17,12		4,68		91,57		988,422	
3/3/2012 05:30:00	0.0024		0.0046		14		0.0178		1,57		61,27		0		17,17		5,96		91,06		988,943	
3/3/2012 06:30:00	0.0021		0.0045		13		0.019		1,56		51,25		0		17,3		26,58		90,59		989,606	
3/3/2012 07:30:00	0.0017		0.0045		12		0.0196		1,95		67,03		0		18,43		193,74		87,7		990,006	
3/3/2012 08:30:00	0.0015		0.0046		11		0.0218		2,76		26,58		0		19,57		410,82		85,68		990,156	
3/3/2012 09:30:00	0.0013		0.0045		7		0.0233		3,09		23,3		0		21,19		615,94		78,09		990,266	
3/3/2012 10:30:00	0.0012		0.0044		9		0.0249		3,16		21,48		0		23,18		783,32		66,23		990,327	
3/3/2012 11:30:00	0.0012		0.0043		12		0.0266		2,6		26,91		0		24,66		865,5		58,83		989,77	
3/3/2012 12:30:00	0.0012		0.0043		7		0.0279		2,13		7,34		0		25,81		973,89		53,13		989,379	
3/3/2012 13:30:00	0.0012		0.0043		7		0.0283		1,94		71,71		0		26,62		863,57		50,18		989,001	
3/3/2012 14:30:00	0.0012		0.0044		7		0.0289		1,8		86,15		0		27,41		892,92		47,04		988,266	
3/3/2012 15:30:00	0.0014		0.007		17		0.0365		2,16		53,09		0		27,28		634,3		47,48		987,647	
3/3/2012 16:30:00	0.0016		0.009																			

5/3/2012 16:30:00	0.0018		0.0043	24		0.0469	2.81	318,89	0	32,85	462,53	40,19	983,102
5/3/2012 17:30:00	-0.001	IR	0.0044	27		0.0479	2.35	315,08	0	32,66	278,37	43,42	983,061
5/3/2012 18:30:00	0.0035		0.0044	45		0.0446	1,3	334,03	0	31,89	91,05	48,48	983,106
5/3/2012 19:30:00	0.0029		0.0043	39		0.0454	0,85	55,45	0	29,97	8,75	54,62	983,243
5/3/2012 20:30:00	0.0029		0.0044	42		0.0481	0,99	78,15	0	29,27	6,51	54,76	983,433
5/3/2012 21:30:00	0.0029		0.0044	33		0.0422	1,98	101,9	0	28,26	6,08	59,98	983,979
5/3/2012 22:30:00	0.0029		0.0044	29		0.0402	2,62	85,99	0	27,82	5,88	60,28	984,518
5/3/2012 23:30:00	0.0036		0.0044	19		0.0351	1,37	70,56	0	26,15	5,91	69,06	984,587
6/3/2012 00:30:00	0.0033		0.0044	18		0.0359	1,66	68,17	0	26,04	5,65	69,64	984,488
6/3/2012 01:30:00	0.0032		0.0044	21		0.0339	1,73	91,16	0	25,09	5,63	74,3	984,479
6/3/2012 02:30:00	0.0031		0.0043	17		0.0326	2,22	80,55	0	24,35	5,56	77,24	984,371
6/3/2012 03:30:00	0.003		0.0043	23		0.0313	2,5	85,47	0	23,74	6,17	81,23	984,477
6/3/2012 04:30:00	0.0028		0.0044	985	IE	0.0319	2,24	73,04	0	23,75	6,93	80,79	984,842
6/3/2012 05:30:00	0.0027		0.0045	985	IE	0.0325	2,06	53,78	0	23,73	6,36	78,71	985,209
6/3/2012 06:30:00	0.0029		0.0046	985	IE	0.0318	2,13	72,98	0	23,66	28,2	78,28	985,512
6/3/2012 07:30:00	0.0026		0.0046	985	IE	0.0308	2,57	62,3	0	24,33	21,3	77,88	986,009
6/3/2012 08:30:00	0.0023		0.0046	985	IE	0.0303	2,82	40,91	0	25,46	321,72	73,18	986,379
6/3/2012 09:30:00	0.0024		0.0045	985	IE	0.0339	3,16	18,99	0	27,22	538,89	69,59	986,486
6/3/2012 10:30:00	0.0023		0.0045	985	IE	0.0381	3,58	0,33	0	29,1	445,55	63,07	986,667
6/3/2012 11:30:00	0.0025		0.0045	985	IE	0.0408	3,49	343,44	0	29,74	514,12	62,62	986,772
6/3/2012 12:30:00	0.0022		0.0045	985	IE	0.043	3,45	325,35	0	30,86	696,79	58,53	986,643
6/3/2012 13:30:00	0.0021		0.0044	985	IE	0.0452	4,29	323,27	0	31,65	664,75	51,13	986,047
6/3/2012 14:30:00	0.0039		0.0045	985	IE	0.0446	3,57	335,91	0	31,65	462,84	52,33	985,613
6/3/2012 15:30:00	0.0029		0.0045	985	IE	0.0454	3,14	346,8	0	31,9	425,05	52,49	985,145
6/3/2012 16:30:00	0.0028		0.0044	985	IE	0.0462	2,69	344,6	0	32,01	358,12	53,67	985,059
6/3/2012 17:30:00	0.0031		0.0044	985	IE	0.0451	1,7	292,97	0	31,67	217,85	56,36	985,434
6/3/2012 18:30:00	0.0032		0.0044	985	IE	0.0464	0,97	220,57	0	31,36	88,94	58,68	985,728
6/3/2012 19:30:00	0.0082		0.0045	985	IE	0.0419	0,75	179,62	0	30,36	7,56	60,81	986,307
6/3/2012 20:30:00	0.0063		0.0046	985	IE	0.0435	1,55	143,58	0	30,14	6,57	60,7	986,864
6/3/2012 21:30:00	0.0025		0.0044	985	IE	0.0457	2,84	117,51	0	28,93	5,59	65,79	986,715
6/3/2012 22:30:00	0.0023		0.0044	985	IE	0.0412	3,2	124,55	0	28,52	5,27	67,84	986,693
6/3/2012 23:30:00	0.0026		0.0044	985	IE	0.0389	2,33	100,34	0	27,53	5,08	69,91	986,739
7/3/2012 00:30:00	0.0028		0.0045	985	IE	0.0346	1,9	89,31	0	26,66	5,17	74,22	986,706
7/3/2012 01:30:00	0.0046		0.005	985	IE	0.0316	2,11	81,1	0	26,41	5,17	75,1	986,751
7/3/2012 02:30:00	0.0041		0.0055	985	IE	0.0308	2,07	78,76	0	26	7,75	75,99	986,843
7/3/2012 03:30:00	0.0035		0.0055	985	IE	0.0317	2,12	47,87	0	25,63	8,31	76,85	986,61
7/3/2012 04:30:00	0.0034		0.005	985	IE	0.03	2,39	46,99	0	24,77	8,31	81,15	986,213
7/3/2012 05:30:00	0.003		0.0047	985	IE	0.0303	2,51	24,18	0	24,23	7,26	82,14	986,245
7/3/2012 06:30:00	0.0029		0.0046	985	IE	0.03	2,14	19,09	0	23,95	23,67	81,55	987,052
7/3/2012 07:30:00	0.0027		0.0047	985	IE	0.0302	2,34	350,08	0	24,92	222,78	74,31	987,811
7/3/2012 08:30:00	0.0024		0.0046	985	IE	0.0282	2,71	1,96	0	25,68	333,78	69,81	988,056
7/3/2012 09:30:00	0.0023		0.0046	985	IE	0.0313	2,95	356,6	0	27,71	564,4	62,64	988,207
7/3/2012 10:30:00	0.0022		0.0046	985	IE	0.0384	3,28	281,28	0	29,04	639,18	57,97	988,319
7/3/2012 11:30:00	0.0023		0.0046	985	IE	0.0406	3,18	231,82	0	28,99	602,36	62,74	988,574
7/3/2012 12:30:00	0.0021		0.0045	985	IE	0.0463	2,35	194,02	0	29,77	781,3	61,13	988,482
7/3/2012 13:30:00	0.002		0.0045	985	IE	0.0486	2,41	143,01	0	31,11	774,97	57,47	988,218
7/3/2012 14:30:00	0.0019		0.0045	985	IE	0.049	3,35	137,66	0	31,03	773,03	57,41	987,901
7/3/2012 15:30:00	0.0018		0.0044	985	IE	0.0444	5,8	127,92	0	29,11	331,78	68,46	987,107
7/3/2012 16:30:00	0.0021		0.0044	985	IE	0.0437	8,22	142,56	27,4	22,96	65,59	86,91	987,459
7/3/2012 17:30:00	0.0019		0.0044	985	IE	0.0374	5,37	110,67	0	22,86	159,35	85,3	988,119
7/3/2012 18:30:00	0.0016		0.0044	985	IE	0.0247	4,38	91,88	0	23,7	71,65	91,67	988,438
7/3/2012 19:30:00	0.0019		0.0044	985	IE	0.0215	4,41	113,35	0	23,46	10,75	90,52	987,859
7/3/2012 20:30:00	0.002		0.0043	985	IE	0.0212	3,74	100,07	0	23,13	7,34	90,23	988,115
7/3/2012 21:30:00	0.0021		0.0043	985	IE	0.0206	2,34	92,8	0	22,98	6,16	90,31	988,499
7/3/2012 22:30:00	0.0019		0.0043	985	IE	0.0229	0,82	71,75	0	23,23	6,03	90,57	988,293
7/3/2012 23:30:00	0.0024		0.0044	985	IE	0.0203	0,75	155,08	0	23,17	3,91	91,54	988,134
8/3/2012 00:30:00	0.0024		0.0043	985	IE	0.0177	2,67	202,17	0	22,98	5,77	90,99	988,223
8/3/2012 01:30:00	0.002		0.0044	985	IE	0.0184	3,89	171,13	0	22,19	7,94	92,86	988,263
8/3/2012 02:30:00	0.002		0.0044	985	IE	0.0174	3,36	138,22	0	21,57	8,47	94,35	988,317
8/3/2012 03:30:00	0.0018		0.0043	985	IE	0.0187	3,36	132,91	0	21,2	8,58	95,4	988,356
8/3/2012 04:30:00	0.0016		0.0043	985	IE	0.0197	3,23	144,4	0	20,88	8,65	96,28	988,124
8/3/2012 05:30:00	0.0017		0.0043	985	IE	0.0215	4,79	150,44	0	20,72	7,74	96,63	988,078
8/3/2012 06:30:00	0.0015		0.0043	985	IE	0.0251	3,36	132,58	0	20,7	12,33	96,72	988,514
8/3/2012 07:30:00	0.0019		0.0043	985	IE	0.0237	3,4	152,86	0	20,83	81,9	96,69	989,054
8/3/2012 08:30:00	0.0015		0.0043	985	IE	0.0248	4,2	126,81	0	21,26	300,02	93,79	989,36
8/3/2012 09:30:00	0.0014		0.0043	985	IE	0.0258	3,55	117,53	0	23,23	557,9	81,43	989,575
8/3/2012 10:30:00	0.0014		0.0044	985	IE	0.0278	3,41	102,22	0	24,61	677,3	75,9	989,621
8/3/2012 11:30:00	0.0015		0.0043	985	IE	0.031	4,1	121,5	0	26,01	868,94	69,57	989,26
8/3/2012 12:30:00	0.0014		0.0043	985	IE	0.0342	4,69	117,99	0	26,95	922,59	66,5	988,88
8/3/2012 13:30:00	0.0016		0.0043	985	IE	0.036	4,38	130,88	0	27,76	768,97	64,48	988,842
8/3/2012 14:30:00	0.0017		0.0043	985	IE	0.0377	3,81	145,57	0	28,18	631,71	61,7	988,663
8/3/2012 15:30:00	0.0017		0.0043	985	IE	0.0383	3,77	140,88	0	28,12	398,26	62,39	988,368
8/3/2012 16:30:00	0.0016		0.0043	985	IE	0.039	4,75	133,87	0	28,06	414,45	63,99	988,081
8/3/2012 17:30:00	0.0015		0.0043	985	IE	0.0367	5,27	132,04	0	27,01	225,6	71,84	987,972
8/3/2012 18:30:00	0.0016		0.0043	985	IE	0.0347	4,92	133,93	0	25,77	68,16	76,59	987,919
8/3/2012 19:30:00	0.0017		0.0044	985	IE	0.032	5,36	130,55	0	23,99	6,92	80,88	988,228
8/3/2012 20:30:00	0.0014		0.0043	985	IE	0.0284	5,49	123,77	0	22,55	5,9	86,53	988,863
8/3/2012 21:30:00	0.0015		0.0043	985	IE	0.0267	4,7	119,3	0	21,75	4,6	88,6	989,552
8/3/2012 22:30:00	0.0015		0.0043	985	IE	0.0254	4,32	123,51	0	21,3	4,01	91,69	990,091
8/3/2012 23:30:00	0.0015		0.0043	985	IE	0.0239	3,74	129,36	0	21,04	2,83	93,04	990,019
9/3/2012 00:30:00	0.0015		0.0043	985	IE	0.0242	5,28	134,85	0	20,87	5,75	93,64	989,635
9/3/2012 01:30:00	0.0014		0.0043	985	IE	0.0256	4,8	128,87	0	20,8	5,09	93,78	989,298
9/3/2012 02:30:00	0.0014		0.0043	985	IE	0.0269	5,27	125,87	0	20,81	3,77	94,26	988,712
9/3/2012 03:30:00	0.0014		0.0043	985	IE	0.0257	5,9	123,36	0	20,8	8,06	95,3	988,17
9/3/2012 04:30:00	0.0014		0.0043	985	IE	0.0266	5,5	116,29	0	20,86	8,37	95,41	988,176
9/3/2012 05:30:00	0.0014		0.0043	985	IE	0.0266	4,11						

10/3/2012 19:30:00	0.0049		0.0045	985	IE	0.0331	2.14	191.32	0		28.52	6.31	63.87	983.951
10/3/2012 20:30:00	0.0045		0.0045	985	IE	0.0335	1.97	180.3	0		28.07	6.5	64.54	984.477
10/3/2012 21:30:00	0.0031		0.0045	985	IE	0.0358	2.41	166.12	0		27.78	5.91	64.94	984.681
10/3/2012 22:30:00	0.0029		0.0046	985	IE	0.0363	2.7	157.72	0		27.79	5.6	61.5	984.667
10/3/2012 23:30:00	0.0023		0.0045	985	IE	0.0367	2.7	160.25	0		27.75	4.35	61.38	984.617
11/3/2012 00:30:00	0.0019		0.0044	985	IE	0.0371	2.63	153.99	0		27.8	4.38	60.6	984.958
11/3/2012 01:30:00	0.0021		0.0044	985	IE	0.034	1.45	111.88	0		26.66	5.71	65.32	985.117
11/3/2012 02:30:00	0.0022		0.0044	985	IE	0.032	0.64	346.22	0		24.53	8.58	77.84	984.985
11/3/2012 03:30:00	0.0021		0.0044	985	IE	0.0339	0.75	318.03	0		24.91	8.59	76.43	984.736
11/3/2012 04:30:00	0.0017		0.0044	985	IE	0.0365	0.47	292.46	0		24.87	8.64	75.53	984.815
11/3/2012 05:30:00	0.0014		0.0044	985	IE	0.0397	0.41	48.88	0		24.95	8.75	73.42	984.969
11/3/2012 06:30:00	0.0016		0.0044	985	IE	0.0385	0.78	320.44	0		24.97	15.11	73.25	985.201
11/3/2012 07:30:00	0.0036		0.0044	985	IE	0.0268	1.61	198.35	0		24.86	155.26	74.74	985.588
11/3/2012 08:30:00	0.0027		0.0045	985	IE	0.032	0.79	134.12	0		27.41	378.71	68.17	985.838
11/3/2012 09:30:00	0.0024		0.0045	985	IE	0.0309	2.51	152.36	0		26.97	559.57	73.28	986.117
11/3/2012 10:30:00	0.0021		0.0049	985	IE	0.036	2.89	130.69	0		27.09	721.24	73.49	986.196
11/3/2012 11:30:00	0.0019		0.0067	985	IE	0.0407	2.57	115.04	0		28.42	802.58	70.1	985.789
11/3/2012 12:30:00	0.0018		0.0061	985	IE	0.0415	2.13	101.93	0		29.57	821.63	66.97	985.364
11/3/2012 13:30:00	0.0016		0.0057	985	IE	0.0424	2.59	109.36	0		29.84	837.89	66.56	984.99
11/3/2012 14:30:00	0.0016		0.005	985	IE	0.0403	3.59	97.22	0		29.64	784.6	67.58	984.401
11/3/2012 15:30:00	0.0014		0.0049	985	IE	0.0412	3.31	102.01	0		29.96	638.84	65.38	983.759
11/3/2012 16:30:00	0.0015		0.0048	985	IE	0.041	3.69	109.72	0		29.96	448.9	65.06	983.618
11/3/2012 17:30:00	0.0016		0.0046	985	IE	0.0389	4.41	118.14	0		29.19	237.77	67.43	983.525
11/3/2012 18:30:00	0.0018		0.0044	985	IE	0.0339	4.77	120.45	0		27.38	57.8	74.93	983.577
11/3/2012 19:30:00	0.0017		0.0044	985	IE	0.0307	5.89	121.11	0		25.32	7.34	81.73	983.524
11/3/2012 20:30:00	0.0018		0.0044	985	IE	0.0294	6.05	112.89	0		24.3	5.71	84.02	983.922
11/3/2012 21:30:00	0.0019		0.0044	985	IE	0.0283	4.99	105.94	0		23.45	4.84	87.64	984.305
11/3/2012 22:30:00	0.0019		0.0044	985	IE	0.0264	4.3	88.66	0		22.95	5.26	91.31	984.06
11/3/2012 23:30:00	0.0021		0.0044	985	IE	0.0272	3.92	87.14	0		23	7.95	92.46	984.237
12/3/2012 00:30:00	0.0022		0.0044	985	IE	0.0267	3.12	83.44	0		22.92	8.39	93.01	983.945
12/3/2012 01:30:00	0.0023		0.0044	985	IE	0.0272	2.85	73.28	0		22.86	8.63	93.66	983.487
12/3/2012 02:30:00	0.0053		0.0159	985	IE	0.0245	3.16	69.72	0		23.02	8.66	92.39	983.284
12/3/2012 03:30:00	0.0038		0.0118	985	IE	0.0245	2.87	65.2	0		22.58	8.65	93.4	982.913
12/3/2012 04:30:00	0.0028		0.0063	985	IE	0.027	2.7	70.83	0		22.41	8.72	92.51	982.716
12/3/2012 05:30:00	0.0023		0.005	985	IE	0.0299	2.64	73.19	0		22.46	8.19	87.28	982.728
12/3/2012 06:30:00	0.0024		0.0051	985	IE	0.0317	2.37	71.47	0		22.46	15.85	85.97	982.739
12/3/2012 07:30:00	0.0022		0.0056	985	IE	0.034	1.88	41	0		23.65	158.04	80.84	982.725
12/3/2012 08:30:00	0.002		0.0052	985	IE	0.0355	3.14	10.7	0		24.44	374.92	78.89	982.546
12/3/2012 09:30:00	0.002		0.0047	985	IE	0.0382	3.97	1.64	0		26.55	588.92	70.96	982.261
12/3/2012 10:30:00	0.002		0.0046	985	IE	0.0439	4.31	345.35	0		29.44	733.58	56.22	982.435
12/3/2012 11:30:00	0.0019		0.0045	985	IE	0.0467	5.35	324.43	0		31.08	857.79	48.63	982.294
12/3/2012 12:30:00	0.0018		0.0045	985	IE	0.0522	5.45	312.21	0		31.63	911.87	48.42	982.042
12/3/2012 13:30:00	0.0019		0.0045	985	IE	0.0534	5.27	317.31	0		32.24	917.65	48.01	981.666
12/3/2012 14:30:00	0.0019		0.0045	985	IE	0.0545	5.47	309.44	0		32.49	795.93	45.41	981.184
12/3/2012 15:30:00	0.0019		0.0045	985	IE	0.0552	4.78	315.21	0		32.64	641.85	46.81	980.405
12/3/2012 16:30:00	0.0023		0.0045	985	IE	0.0547	4.04	312.38	0		32.56	446.63	48.41	980.202
12/3/2012 17:30:00	0.0026		0.0047	985	IE	0.0524	2.48	319.02	0		32.43	221.49	49.86	980.261
12/3/2012 18:30:00	0.0029		0.0045	985	IE	0.0475	1.14	342.73	0		30.77	30.27	57.56	980.279
12/3/2012 19:30:00	0.0032		0.0045	985	IE	0.0483	1.72	353.31	0		29.72	6.88	58.05	980.461
12/3/2012 20:30:00	0.0023		0.0044	985	IE	0.0432	4.06	159.22	0		26.12	4.61	67.66	980.774
12/3/2012 21:30:00	0.0021		0.0045	985	IE	0.0407	3.78	129.03	0		24.74	4.82	72.98	980.829
12/3/2012 22:30:00	0.0018		0.0045	985	IE	0.044	4.65	134.08	0		25.11	4.25	67.79	981.235
12/3/2012 23:30:00	0.0017		0.0045	985	IE	0.0458	4.09	133.56	0		25.74	3.66	64.82	981.582
13/3/2012 00:30:00	0.0019		0.0044	985	IE	0.0429	6.7	180.53	2.4		22.71	5.63	78.3	982.882
13/3/2012 01:30:00	0.0017		0.0044	985	IE	0.0455	6.58	168.41	0.2		20.48	8.57	84.47	982.401
13/3/2012 02:30:00	0.0019		0.0044	985	IE	0.0432	4.86	133.44	0		21.2	8.65	77.44	981.746
13/3/2012 03:30:00	0.0022		0.0044	985	IE	0.0353	2.69	88.88	0		19.94	8.66	87.79	981.391
13/3/2012 04:30:00	0.0025		0.0044	985	IE	0.0336	1.69	82.93	0		19.85	8.73	86.83	980.763
13/3/2012 05:30:00	0.0021		0.0044	985	IE	0.0378	3.8	119.05	0		20.8	8.85	78.78	980.977
13/3/2012 06:30:00	0.0023		0.0044	985	IE	0.0354	3.85	101.35	0		20.45	17.2	80.48	981.216
13/3/2012 07:30:00	0.0027		0.0044	985	IE	0.0338	3.91	187.4	0		20.78	57.5	84.53	982.517
13/3/2012 08:30:00	0.0027		0.0044	985	IE	0.0342	4.9	177.81	0		20.38	138.24	88.47	982.766
13/3/2012 09:30:00	0.0027		0.0044	985	IE	0.0359	5.52	181.47	0		20.39	249.89	87.96	983.261
13/3/2012 10:30:00	0.0026		0.0044	985	IE	0.0394	5.22	188.82	2.8		20.15	157.58	85.89	984.086
13/3/2012 11:30:00	0.0027		0.0044	985	IE	0.041	4.26	175.73	2		19.96	312.08	90.38	984.082
13/3/2012 12:30:00	0.002		0.0044	985	IE	0.0412	4.35	160.14	0		21.12	343.49	86.24	983.725
13/3/2012 13:30:00	0.0018		0.0044	985	IE	0.0411	3.2	147.03	0		21.93	403.9	81.16	983.6
13/3/2012 14:30:00	0.002		0.0044	985	IE	0.0398	2.06	137.65	0		21.84	162.56	81.64	983.276
13/3/2012 15:30:00	0.0027		0.0044	985	IE	0.039	2.09	219.91	0		21.5	137.59	82.89	982.773
13/3/2012 16:30:00	0.0019		0.0044	985	IE	0.0387	1.97	85.13	0		21.97	142.11	82.48	981.659
13/3/2012 17:30:00	0.002		0.0044	985	IE	0.0333	2.16	63.35	0		21.37	61.13	87.73	981.799
13/3/2012 18:30:00	0.0027		0.0044	985	IE	0.0303	1.74	115.73	0		21.13	34.37	89.68	981.992
13/3/2012 19:30:00	0.0027		0.0044	985	IE	0.0301	3.47	191.75	0		20.97	7.55	89.85	982.578
13/3/2012 20:30:00	0.0022		0.0044	985	IE	0.0271	2.53	158.47	0		20.06	6.8	87.93	982.556
13/3/2012 21:30:00	0.0021		0.0044	985	IE	0.0235	1.69	118.83	0		19.37	6.95	88.34	983.419
13/3/2012 22:30:00	0.0021		0.0044	985	IE	0.0213	2.06	97.49	0		19.31	6	89.36	983.803
13/3/2012 23:30:00	0.0019		0.0044	985	IE	0.025	2.88	129.5	0.4		19.62	5.84	90.94	984.178
14/3/2012 00:30:00	0.0018		0.0044	985	IE	0.0271	3.15	154.12	0		19.51	5.09	89.09	983.704
14/3/2012 01:30:00	0.0017		0.0044	985	IE	0.0268	3.23	152.5	0		19.45	5.26	88.39	983.24
14/3/2012 02:30:00	0.0018		0.0044	985	IE	0.0274	2.59	147.05	0		19.55	5.12	86.85	983.072
14/3/2012 03:30:00	0.0019		0.0044	985	IE	0.0259	2.73	167.26	0		19.63	4.99	85.24	983.117
14/3/2012 04:30:00	0.0026		0.0044	985	IE	0.0163	2.7	210.93	0		18.91	4.76	94.31	983.087
14/3/2012 05:30:00	0.0026		0.0044	98										

15/3/2012 22:30:00	0.0018	0.0044	985	IE	0.0231	3.39	121,68	0	17,35	5,02	69,31	990,808
15/3/2012 23:30:00	0.0017	0.0044	985	IE	0.0216	4,02	116,43	0	16,55	4,81	77,23	990,832
16/3/2012 00:30:00	0.0017	0.0044	985	IE	0.0199	3,66	115,98	0	15,86	4,41	83,05	990,758
16/3/2012 01:30:00	0.0017	0.0045	985	IE	0.0184	2,89	111,1	0	15,25	4,42	86,85	990,439
16/3/2012 02:30:00	0.0017	0.0044	985	IE	0.0181	2,26	107,91	0	15,03	4,32	88,32	990,336
16/3/2012 03:30:00	0.0017	0.0044	985	IE	0.0185	1,51	109,8	0	15,17	3,93	88,6	990,253
16/3/2012 04:30:00	0.0017	0.0045	985	IE	0.0194	1,2	103,26	0	15,14	4,21	88,64	990,268
16/3/2012 05:30:00	0.0016	0.0044	985	IE	0.0196	1,67	120,07	0	15,66	5,66	86,6	990,534
16/3/2012 06:30:00	0.0016	0.0045	985	IE	0.02	3,14	146,13	0	15,83	14,81	90,89	991,108
16/3/2012 07:30:00	0.0028	0.0045	985	IE	0.0172	2,69	184,01	0	15,56	164,73	90,83	991,747
16/3/2012 08:30:00	0.002	0.0045	985	IE	0.0173	2,11	144,01	0	16,27	314,01	91,67	992,306
16/3/2012 09:30:00	0.0013	0.0044	985	IE	0.0198	3,36	127,64	0	17,92	502,67	87,12	992,401
16/3/2012 10:30:00	0.0013	0.0044	985	IE	0.0217	3,88	116,22	0	19,81	688,75	77,45	992,426
16/3/2012 11:30:00	0.0013	0.0044	985	IE	0.0232	3,26	86,81	0	21,64	857,69	65,34	992,194
16/3/2012 12:30:00	0.0013	0.0044	985	IE	0.0239	2,87	76,39	0	22,02	937,04	58,82	991,586
16/3/2012 13:30:00	0.0013	0.0044	985	IE	0.0246	3,09	77,27	0	23,75	898,81	55,26	990,833
16/3/2012 14:30:00	0.0013	0.0044	985	IE	0.0247	3,5	118,16	0	24,13	796,7	54,02	989,93
16/3/2012 15:30:00	0.0014	0.0045	985	IE	0.025	3,62	116,32	0	24,35	541,58	53,31	989,378
16/3/2012 16:30:00	0.0013	0.0044	985	IE	0.0251	3,99	106,13	0	24,71	450,52	52	989,086
16/3/2012 17:30:00	0.0014	0.0044	985	IE	0.025	5,25	119,94	0	23,95	250,31	57,25	988,971
16/3/2012 18:30:00	0.0015	0.0044	985	IE	0.0235	5	129,67	0	22,13	59,98	65,78	989,121
16/3/2012 19:30:00	0.0015	0.0045	985	IE	0.0223	5,65	125,67	0	20,23	7,26	73,55	989,391
16/3/2012 20:30:00	0.0016	0.0045	985	IE	0.0216	5,77	117,8	0	19,15	5,97	78,61	989,933
16/3/2012 21:30:00	0.0016	0.0045	985	IE	0.0208	5,75	116,92	0	18,37	5,64	82,32	990,211
16/3/2012 22:30:00	0.0017	0.0045	985	IE	0.019	4,39	109,37	0	17,74	5,3	84,73	990,277
16/3/2012 23:30:00	0.0018	0.0045	985	IE	0.0185	3,63	95,53	0	17,28	4,94	84,28	990,101
17/3/2012 00:30:00	0.0018	0.0045	985	IE	0.0202	4,09	93,82	0	17,14	5,13	83,57	989,743
17/3/2012 01:30:00	0.0017	0.0045	985	IE	0.0207	4,76	102,88	0	17,02	5,11	83,72	989,377
17/3/2012 02:30:00	0.0016	0.0045	985	IE	0.0205	4,77	99,76	0	16,82	4,28	84,09	989,114
17/3/2012 03:30:00	0.0016	0.0045	985	IE	0.0203	4,43	100,49	0	16,61	4,49	84,34	988,844
17/3/2012 04:30:00	0.0018	0.0045	985	IE	0.0193	4,19	100,52	0	16,19	4,71	85,87	988,843
17/3/2012 05:30:00	0.0018	0.0044	985	IE	0.0185	3,85	98,61	0	15,98	5,49	86,92	989,307
17/3/2012 06:30:00	0.0017	0.0044	985	IE	0.0183	3,92	96,87	0	16,07	15,44	87,07	989,896
17/3/2012 07:30:00	0.0016	0.0044	985	IE	0.0181	4,02	91	0	16,92	168,28	85,09	990,24
17/3/2012 08:30:00	0.0014	0.0044	985	IE	0.019	4,65	79,82	0	18,47	389,18	82,27	990,299
17/3/2012 09:30:00	0.0014	0.0045	985	IE	0.0207	5,03	65,22	0	20,43	591,74	75,61	990,34
17/3/2012 10:30:00	0.0014	0.0046	985	IE	0.0254	5,09	59,96	0	22,5	754,8	63,33	990,275
17/3/2012 11:30:00	0.0023	0.0108	985	IE	0.0304	4,78	45,71	0	24,22	862,91	54,25	989,838
17/3/2012 12:30:00	0.0015	0.0064	985	IE	0.032	4,21	38,46	0	25,53	907,59	50,53	989,393
17/3/2012 13:30:00	0.0015	0.0047	985	IE	0.0333	3,16	42,02	0	26,52	874,59	48,73	988,793
17/3/2012 14:30:00	0.0015	0.0047	985	IE	0.0351	2,57	38,82	0	27,46	792,56	45,28	988,145
17/3/2012 15:30:00	0.0014	0.0051	985	IE	0.0365	2,47	55,05	0	27,93	627,77	41,98	987,727
17/3/2012 16:30:00	0.0017	0.0078	985	IE	0.0407	2,67	55,67	0	28,16	459,51	41,86	987,342
17/3/2012 17:30:00	0.0021	0.0108	985	IE	0.0431	3	81,18	0	27,7	243,24	43,76	986,895
17/3/2012 18:30:00	0.0027	0.0088	985	IE	0.0394	2,5	109,88	0	26	42,71	46,77	986,787
17/3/2012 19:30:00	0.0021	0.0055	985	IE	0.0307	4,46	105,13	0	23,55	6,9	63,01	987,076
17/3/2012 20:30:00	0.0018	0.0046	985	IE	0.0254	4,94	98,51	0	21,86	5,81	72,66	987,568
17/3/2012 21:30:00	0.0017	0.0045	985	IE	0.0244	4,89	83,02	0	21	6	72,32	988,123
17/3/2012 22:30:00	0.0019	0.0045	985	IE	0.0231	4,11	81,94	0	20,22	5,31	75,62	988,136
17/3/2012 23:30:00	0.0017	0.0045	985	IE	0.0226	4,49	69,1	0	19,78	5,03	78,81	988,071
18/3/2012 00:30:00	0.0018	0.0044	985	IE	0.0207	4,08	68,45	0	19,07	4,69	83,22	988,057
18/3/2012 01:30:00	0.0025	0.0046	985	IE	0.0193	3,82	67,65	0	18,64	5,13	85,05	987,949
18/3/2012 02:30:00	0.0047	0.0065	985	IE	0.017	3,55	66,42	0	18,34	4,63	85,53	987,546
18/3/2012 03:30:00	0.0056	0.0079	985	IE	0.0152	3,37	71,61	0	17,85	4,72	86,92	987,178
18/3/2012 04:30:00	0.0061	0.0104	985	IE	0.0143	2,52	61,52	0	17,59	4,62	88,09	987,134
18/3/2012 05:30:00	0.0032	0.008	985	IE	0.0175	2,4	60,55	0	17,4	5,54	88,67	987,62
18/3/2012 06:30:00	0.0022	0.0054	985	IE	0.0175	2,68	81,51	0	17,08	14,68	90,03	987,936
18/3/2012 07:30:00	0.0019	0.0055	985	IE	0.0188	2,37	72,32	0	18,16	163,29	85,25	988,376
18/3/2012 08:30:00	0.0015	0.005	985	IE	0.0205	2,59	50,9	0	19,69	382,28	80,41	988,649
18/3/2012 09:30:00	0.0015	0.0048	985	IE	0.0222	2,4	29,54	0	21,44	586,44	74,13	988,856
18/3/2012 10:30:00	0.0015	0.0047	985	IE	0.0264	2,35	31,88	0	23,98	751,6	63,3	988,61
18/3/2012 11:30:00	0.0014	0.0046	985	IE	0.0324	2,58	29,04	0	25,77	862,14	53,31	988,111
18/3/2012 12:30:00	0.0015	0.0046	985	IE	0.0353	2,39	21,23	0	27,03	907,09	48,66	987,461
18/3/2012 13:30:00	0.0015	0.0046	19		0.0377	1,74	355,31	0	28,2	881,41	43,77	986,735
18/3/2012 14:30:00	0.0015	0.0046	4	0.0401	1,54	287,14	0	29,21	792	38,42	985,923	
18/3/2012 15:30:00	0.0014	0.0046	16	0.0408	1,6	70,81	0	29,73	643,43	38,04	985,495	
18/3/2012 16:30:00	0.0016	0.0046	6	0.0394	2,46	112,06	0	29,03	447,8	40,47	985,072	
18/3/2012 17:30:00	0.0018	0.0047	23	0.0377	2,74	113,77	0	28,25	237,16	42,06	985,114	
18/3/2012 18:30:00	0.0022	0.0048	47	0.0364	3,32	118,5	0	26,01	47,5	50,3	985,038	
18/3/2012 19:30:00	0.0018	0.0048	31	0.0338	4,71	117,19	0	24,2	7,55	56,03	984,884	
18/3/2012 20:30:00	0.0019	0.0046	27	0.0292	4,95	114,89	0	22,76	6,97	63,53	985,009	
18/3/2012 21:30:00	0.0016	0.0046	12	0.0301	5,18	119,23	0	22,41	6,49	59,35	985,165	
18/3/2012 22:30:00	0.0018	0.0047	21	0.0299	4,65	112,46	0	21,84	5,65	68,91	985,09	
18/3/2012 23:30:00	0.0019	0.0047	17	0.0287	3,85	100,03	0	21,3	5,28	74,64	985,295	
19/3/2012 00:30:00	0.003	0.005	17	0.0252	3,11	87,19	0	20,19	4,75	78,2	984,938	
19/3/2012 01:30:00	0.0033	0.0061	9	0.0243	2,53	68,84	0	19,63	4,94	81,78	984,53	
19/3/2012 02:30:00	0.003	0.0065	16	0.0236	1,83	50,86	0	19,27	4,77	85,76	984,098	
19/3/2012 03:30:00	0.0024	0.0052	12	0.0239	1,57	43,64	0	19,33	4,75	86,62	983,876	
19/3/2012 04:30:00	0.0022	0.0048	8	0.0265	1,47	26,17	0	19,64	4,78	82,92	984,103	
19/3/2012 05:30:00	0.0022	0.0048	6	0.0268	1,43	34,63	0	19,52	6,1	82,52	984,553	
19/3/2012 06:30:00	0.0022	0.0047	9	0.0257	1,42	35,96	0	19,17	13,18	84,37	985,05	
19/3/2012 07:30:00	0.002	0.0047	20	0.0247	1,55	15,87	0	19,72	145,11	82,19	985,587	
19/3/2012 08:30:00	0.0019	0.0047	10	0.0271	2,46	345,55	0	20,85	372,45	77,79	986,054	
19/3/2012 09:30:00	0.0022	0.0047	22	0.0318	2,99	333,3	0	23,11	555,45	68,03	986,348	
19/3/2012 10:30:00	0.0018	0.0047	17	0.0367	3,14	341,79	0	25,92	749,21	54,87	986,422	
19/3/2012 11:30:00	0.0019	0.0047	14	0.0396	3,24	329,5	0	27,58	788,44	47,17	986,23	
19/3/2012 12:30:00	0.0017	0.0047	12	0.0412	2,96	321,17	0	28,9	816,31	41,57	985,672	
19/3/2012 13:30:00	0.0018	0.0046	17	0.043	2,78	307,08	0	29,67	791,72	38,11	985,108	
19/3/2012 14:30:00	0.0018	0.0046	14	0.0444	2							

21/3/2012 01:30:00	0.0025		0.0045		5		0.0236	3.52	151,77	0	19,55	5,42	93,86	982,998
21/3/2012 02:30:00	0.0024		0.0046		8		0.0257	3,92	152,67	0	19,24	5,2	93,58	982,541
21/3/2012 03:30:00	0.0021		0.0046		8		0.0297	3,76	136,29	0	19,32	5,14	90,21	981,879
21/3/2012 04:30:00	0.002		0.0046		8		0.0311	3,66	136,85	0	19,38	5,62	89,11	981,713
21/3/2012 05:30:00	0.0021		0.0046		10		0.028	4,08	137,62	0	19,01	6,48	92,81	981,452
21/3/2012 06:30:00	0.002		0.0046		9		0.0325	3,88	116,38	0	19,36	8,76	88,75	981,59
21/3/2012 07:30:00	0.0023		0.0045		6		0.029	3,44	97,97	0	19,56	67,31	90,28	981,903
21/3/2012 08:30:00	0.0021		0.0046		7		0.0299	3,2	116,32	0	20,61	170,42	86,96	982,198
21/3/2012 09:30:00	0.002	IC	0.0047		12		0.0307	2,79	103,11	0	21,56	278,77	83,19	982,338
21/3/2012 10:30:00	0.003	IC	0.0049		16		0.031	2,03	89,58	0	22,29	273,81	81,44	982,35
21/3/2012 11:30:00	0.003		0.009	IC	20		0.03	2,22	79,59	0	17,07	313,78	72,47	976,361
21/3/2012 12:30:00	0.0024		0.005	IC	20		0.0347	1,57	70,06	0	23,88	514,58	71,96	980,955
21/3/2012 13:30:00	0.0025		0.13	IC	15		0.0379	2,59	121,48	0	23,82	364,73	69,48	980,421
21/3/2012 14:30:00	0.0019		0.002	IC	985	IU	0.0383	3,61	140,51	0	24,54	672,34	64,27	979,787
21/3/2012 15:30:00	0.0018		0.0005		9		0.0404	2,13	182,03	0	25,04	500,42	58,82	979,448
21/3/2012 16:30:00	0.0021		0.0002		20		0.0407	1,75	193,79	0	25,49	362,09	57,02	978,892
21/3/2012 17:30:00	0.0022		0.0002		9		0.0403	1,24	213,59	0	25,18	174,78	59,96	978,997
21/3/2012 18:30:00	0.0045		0.0003		35		0.0368	1,04	239,16	0	24,34	33,86	63,6	978,844
21/3/2012 19:30:00	0.0051		0.0002		36		0.0338	1,52	281,44	0	23,43	5,97	67,48	978,851
21/3/2012 20:30:00	0.0039		0.0002		19		0.0311	2	223,6	0	22,43	4,1	72,91	979,565
21/3/2012 21:30:00	0.0021		0.0001		6		0.0326	6,41	144,06	0	18,65	6,94	83,97	980,773
21/3/2012 22:30:00	0.0021		0		1		0.0306	3,61	105,88	0	16,18	8,21	91,23	981,187
21/3/2012 23:30:00	0.0023		0		-3	IR	0.0305	2,1	110,23	0	16,57	8,46	86,78	980,99
22/3/2012 00:30:00	0.0022		0		3		0.0305	0,69	126,24	0	17,02	8,54	82,48	980,765
22/3/2012 01:30:00	0.0023		0		9		0.0302	2,16	181,95	0	17,84	8,6	77,45	980,739
22/3/2012 02:30:00	0.0026		0		2		0.0252	2,09	245,58	0	16,97	8,59	82,98	980,697
22/3/2012 03:30:00	0.0034		0		0		0.0257	2,26	231,38	0	17,08	8,6	83,44	980,317
22/3/2012 04:30:00	0.0029		0		1		0.025	1,88	244,95	0	17,24	8,64	82,98	979,893
22/3/2012 05:30:00	0.0025		0		-5	IR	0.0232	4,03	216,57	0	16,25	8,27	90,76	980,322
22/3/2012 06:30:00	0.0027		0		1		0.0219	2,11	250,92	0	16,07	13,05	91,23	981,015
22/3/2012 07:30:00	0.0032		0.0001		6		0.0262	2,37	219,09	0	17,14	127	84,84	981,598
22/3/2012 08:30:00	0.0021		0		2		0.0297	1,99	207,78	0	18,37	356,86	84,97	982,008
22/3/2012 09:30:00	0.0017		0	IR	0		0.0304	1,49	71,62	0	20,37	383,9	80,35	982,192
22/3/2012 10:30:00	0.0027		0		18		0.0268	1,78	154,42	0	19,27	209,02	86,47	982,614
22/3/2012 11:30:00	0.002		0.0001		6		0.0293	1,66	196,41	0	21,11	639,6	78,15	982,285
22/3/2012 12:30:00	0.0022		0.0002		17		0.0309	1,5	210,71	0	21,97	296,41	70,16	981,779
22/3/2012 13:30:00	0.0016		0.0001		12		0.0303	2,2	333,56	0	22,18	541,96	71,58	981,292
22/3/2012 14:30:00	0.0015		0.0001		7		0.0326	2,61	4,98	0	23,38	694,76	64,44	980,303
22/3/2012 15:30:00	0.0018		0.0001		21		0.0357	2,32	335,46	0	22,79	259,94	60,61	979,902
22/3/2012 16:30:00	0.0024		0.0001		11		0.0344	5,39	175,9	0,2	18,05	380,83	76,14	980,536
22/3/2012 17:30:00	0.0027		0		7		0.0311	4,39	192,8	0,4	17,8	125,49	83,98	980,743
22/3/2012 18:30:00	0.0028		0		5		0.0296	5,34	158,62	0	17,06	27,4	86,07	981,008
22/3/2012 19:30:00	0.0021		0		3		0.0258	5,04	137,73	0	15,43	7,92	92,93	981,569
22/3/2012 20:30:00	0.0019		0		0		0.0255	3,82	147,85	0	14,55	7,96	94,06	982,16
22/3/2012 21:30:00	0.0023		0		1		0.0245	3,38	188,01	0	14,4	8,06	94,08	982,827
22/3/2012 22:30:00	0.0023		0	IR	0		0.023	2,97	196,07	0	13,97	8,05	97,01	983,011
22/3/2012 23:30:00	0.002		0	IR	0		0.0244	2,43	195,88	0	13,94	8,14	97,55	983,532
23/3/2012 00:30:00	0.0019		0	IR	0		0.024	2,76	198,54	0,2	14,2	8,38	97,05	983,555
23/3/2012 01:30:00	0.0018		0	IR	-1	IR	0.0233	2,46	200,79	0	14,63	8,45	93,38	983,17
23/3/2012 02:30:00	0.0018		0	IR	-4	IR	0.0239	3,43	211,69	0	14,47	8,59	93,18	982,797
23/3/2012 03:30:00	0.0017		0		1		0.021	3,07	203,09	0	14,58	8,59	93,98	982,51
23/3/2012 04:30:00	0.0017		0		6		0.02	2,83	201,19	0	14,37	8,65	95,32	982,539
23/3/2012 05:30:00	0.0016		0	IR	4		0.0193	3,64	190,76	0	14,11	8,55	96,55	982,853
23/3/2012 06:30:00	0.0015		0	IR	5		0.0194	3,47	187,58	0	14,11	10,82	97,24	983,303
23/3/2012 07:30:00	0.0019		0.0001		1		0.0194	2,79	166,93	0	14,32	58,51	97,64	983,903
23/3/2012 08:30:00	0.002		0		-1	IR	0.0203	3,1	159,34	0	15,12	186,6	97,47	984,476
23/3/2012 09:30:00	0.0017		0.0001		3		0.0199	3,8	153,13	0	16,37	196,88	92,22	985,069
23/3/2012 10:30:00	0.0015		0		5		0.0214	4,64	149,37	0	18,23	556,71	79,9	985,146
23/3/2012 11:30:00	0.0012		0.0001		8		0.0232	4,74	143,82	0	19,48	668,38	70,15	985,038
23/3/2012 12:30:00	0.0014		0		12		0.024	5,09	153,01	0	20,73	854,84	61,9	984,533
23/3/2012 13:30:00	0.0016		0.0001		11		0.0246	4,82	160,11	0	21,48	849,03	55,37	984,209
23/3/2012 14:30:00	0.0015		0.0003		11		0.0246	5,36	164,05	0	21,61	771,31	53,22	983,858
23/3/2012 15:30:00	0.0017		0.0018	IU	985		0.0245	4,79	155,47	0	21,8	624,22	51,1	983,744
23/3/2012 16:30:00	0.0017		0.0017		23		0.0243	5,65	157,85	0	20,4	430,42	60,78	984,137
23/3/2012 17:30:00	0.0021		0.0017		25		0.0238	4,48	154,32	0	19,84	171,07	58,69	984,514
23/3/2012 18:30:00	0.0024		0.0018		29		0.0223	3,08	147,48	0	18,43	28,52	63,33	985,067
23/3/2012 19:30:00	0.002		0.0018		13		0.0222	3,18	139,94	0	17,47	4,97	68,73	985,603
23/3/2012 20:30:00	0.0018		0.0018		13		0.0217	3,58	142,66	0	16,95	3,81	70,13	986,087
23/3/2012 21:30:00	0.0017		0.0017		16		0.0204	4,25	141,29	0	16,11	7,37	74,3	986,678
23/3/2012 22:30:00	0.0018		0.0017		9		0.0195	3,85	155,19	0	15,11	8,14	78,18	987,115
23/3/2012 23:30:00	0.0018		0.0018		10		0.0193	4,19	156,15	0	14,57	8,34	79,06	987,356
24/3/2012 00:30:00	0.0017		0.0017		9		0.0197	3,97	157,41	0	14,36	8,44	78,83	987,148
24/3/2012 01:30:00	0.0017		0.0017		8		0.0203	4,26	156,75	0	14,38	8,42	78,56	986,894
24/3/2012 02:30:00	0.0017		0.0017		8		0.0201	3,48	167,23	0	14,1	8,4	80,65	986,701
24/3/2012 03:30:00	0.0017		0.0017		10		0.0197	3,5	170,44	0	13,78	8,43	82,99	986,33
24/3/2012 04:30:00	0.0016		0.0017		12		0.0189	3,49	172,48	0	13,22	8,55	86,55	986,325
24/3/2012 05:30:00	0.0016		0.0017		11		0.0185	3,49	176,64	0	12,9	8,67	87,88	986,596
24/3/2012 06:30:00	0.0019		0.0017		15		0.0185	3,44	176,58	0	12,94	13,98	87,31	987,075
24/3/2012 07:30:00	0.0019		0.0018		14		0.0186	3,76	171,45	0	13,46	148,71	84,73	987,546
24/3/2012 08:30:00	0.0021		0.0018		11		0.0191	3,86	158,83	0	15,08	368,78	80,73	988,023
24/3/2012 09:30:00	0.0015		0.0018		27		0.021	4,09	139,08	0	16,91	576,34	75,87	988,538
24/3/2012 10:30:00	0.0014		0.0018		11		0.0239	3,78	137,93	0	18,41	750,34	66,83	988,872
24/3/2012 11:30:00	0.0013		0.0018		18		0.0263	2,73	112,71	0	20,02	867,63	51,28	988,837
24/3/2012 12:30:00	0.0013		0.0018		13		0.0273	2,66	121,5	0	20,95	928,24	44,53	988,323
24/3/2012 13:30:00	0.0013		0.0018		17		0.0273	2,26	122,78	0	21,32	815,14	44,7	98

26/3/2012 04:30:00	0.0019		0.0018		13		0.0256	2.51	253.88	0	18,18	8,47	63,97	983,952
26/3/2012 05:30:00	0.002		0.0018		23		0.0228	2,7	237,59	0	17,39	8,55	70,1	984,746
26/3/2012 06:30:00	0.002		0.0018		11		0.0216	2,7	247,86	0	16,76	5,13	77,04	985,289
26/3/2012 07:30:00	0.0024		0.0018		9		0.0188	2,82	275,27	0,2	15,6	17,4	89,28	985,704
26/3/2012 08:30:00	0.0025		0.0018		3		0.017	2,62	281,98	0,6	15,65	47,97	91,17	986,228
26/3/2012 09:30:00	0.0022		0.0018		0		0.0149	2,3	294,45	0	15,66	115,49	93,49	986,012
26/3/2012 10:30:00	0.0022		0.0018		6		0.017	1,96	291,88	0	16,53	213,09	91,71	985,536
26/3/2012 11:30:00	0.0022		0.0018		8		0.0212	2,69	294,36	0	17,86	360,73	85,5	984,923
26/3/2012 12:30:00	0.0018		0.0018		6		0.0266	3,15	292,01	0	19,22	538,39	77,37	984,686
26/3/2012 13:30:00	0.0017		0.0018		6		0.034	4,59	291,75	0	20,89	671,77	64,16	984,319
26/3/2012 14:30:00	0.0024		0.0018		6		0.0357	4,36	294,31	0	21,19	323,93	60,42	983,781
26/3/2012 15:30:00	0.0019		0.0018		23		0.0357	4,66	288,18	0	21,35	345,44	59,09	983,129
26/3/2012 16:30:00	0.0019		0.0018		14		0.0358	4,1	275,42	0	21,93	354,43	56,02	982,611
26/3/2012 17:30:00	0.0019		0.0018		18		0.035	3,76	267,44	0	21,69	213,09	58,38	982,65
26/3/2012 18:30:00	0.0032		0.0018		22		0.0314	2,44	271,15	0	20,26	28,8	65,17	982,863
26/3/2012 19:30:00	0.0033		0.0019		28		0.0299	2,57	261,34	0	19,13	5,39	68,39	983,228
26/3/2012 20:30:00	0.0017		0.0018		10		0.0278	5,93	199,81	0,2	15,26	3,83	79,86	984,161
26/3/2012 21:30:00	0.0018		0.0018		12		0.0247	4,69	200,65	1	13,87	4,7	89,31	984,633
26/3/2012 22:30:00	0.0018		0.0017		11		0.0221	4,17	202,1	0,2	13,81	7,82	93,78	985,198
26/3/2012 23:30:00	0.0016		0.0018		6		0.02	3,22	206,55	0	13,75	8,44	94,76	985,403
27/3/2012 00:30:00	0.0017		0.0017		5		0.0185	3,1	223,38	0	13,45	8,56	91,86	985,715
27/3/2012 01:30:00	0.0017		0.0017		9		0.0181	3,96	223,22	0	11,93	8,56	88,27	985,769
27/3/2012 02:30:00	0.0017		0.0017		11		0.0173	4,29	228,46	0	10,75	8,52	90,53	985,641
27/3/2012 03:30:00	0.0017		0.0017		7		0.0155	4,09	236,82	0	9,91	8,52	92,94	985,431
27/3/2012 04:30:00	0.0017		0.0017		7		0.0148	4,14	237,18	0	9,36	8,57	93,93	985,534
27/3/2012 05:30:00	0.0018		0.0017		7		0.0142	4,47	236,99	0	8,93	8,74	93,53	985,861
27/3/2012 06:30:00	0.0018		0.0017		8		0.014	4,8	243,25	0	8,54	14,69	92,16	986,6
27/3/2012 07:30:00	0.0016		0.0017		9		0.0139	4,7	247,1	0	8,72	159,12	90,3	987,453
27/3/2012 08:30:00	0.0015		0.0017		15		0.0155	5,6	235,47	0	9,78	381,91	85,64	988,054
27/3/2012 09:30:00	0.0015		0.0018		18		0.0186	5,99	230,41	0	11,47	592,19	77,25	988,424
27/3/2012 10:30:00	0.0014		0.0018		19		0.0207	6,39	238,05	0	12,82	761,49	68,42	988,532
27/3/2012 11:30:00	0.0015		0.0018		23		0.0219	6,18	241,94	0	13,92	752,37	59,87	988,713
27/3/2012 12:30:00	0.0015		0.0018		29		0.0223	6,88	247,09	0	14,49	701,64	55,65	988,597
27/3/2012 13:30:00	0.0015		0.0018		33		0.0226	7,1	251,01	0	14,86	632,92	53,85	988,229
27/3/2012 14:30:00	0.0014		0.0018		31		0.0237	7,81	254,9	0	15,59	752,8	48,39	987,694
27/3/2012 15:30:00	0.0016		0.0018		37		0.0254	8,22	256,82	0	15,67	592,74	46,45	987,464
27/3/2012 16:30:00	0.0017		0.0018		34		0.026	7,43	254,41	0	15,56	331,43	46,61	987,554
27/3/2012 17:30:00	0.0022		0.0019		31		0.0277	7,04	256,01	0	15,06	187,02	49,66	987,575
27/3/2012 18:30:00	0.0024		0.0019		31		0.0274	6,3	254,34	0	13,54	18,14	56,48	987,976
27/3/2012 19:30:00	0.0024		0.0018		29		0.0258	5,61	254,13	0	12,42	7,77	61,13	988,222
27/3/2012 20:30:00	0.0018		0.0018		22		0.0232	5,59	256,15	0	11,81	8,57	66,01	988,796
27/3/2012 21:30:00	0.0017		0.0018		20		0.0235	5,51	256,69	0	11,42	8,47	66,79	989,263
27/3/2012 22:30:00	0.0016		0.0018		11		0.0227	5,06	261,16	0	10,85	8,41	70,71	989,037
27/3/2012 23:30:00	0.0016		0.0018		17		0.0206	3,75	268,11	0	10,2	8,34	75,38	988,686
28/3/2012 00:30:00	0.0016		0.0018		5		0.0189	3,43	267,76	0	9,8	8,37	79,15	988,45
28/3/2012 01:30:00	0.0017		0.0018		8		0.0188	3,57	270,15	0	9,82	8,48	78,91	988,386
28/3/2012 02:30:00	0.0018		0.0018		12		0.0175	3,64	264,54	0	9,46	8,5	81,22	987,974
28/3/2012 03:30:00	0.0019		0.0018		10		0.016	3,39	268,97	0	8,97	8,41	84,1	987,612
28/3/2012 04:30:00	0.0025		0.0019		8		0.0151	3,58	263,73	0	8,86	8,42	84,66	987,399
28/3/2012 05:30:00	0.0025		0.0018		15		0.0146	3,36	268,95	0	8,7	8,61	85,4	987,676
28/3/2012 06:30:00	0.0023		0.0018		11		0.0109	2,31	293,56	0	6,74	13,11	92,26	988,26
28/3/2012 07:30:00	0.0022		0.0018		12		0.0117	2,7	286	0	7,69	148,35	89,9	989,065
28/3/2012 08:30:00	0.0018		0.0018	IE	985		0.012	3,59	299,96	0	8,62	369,53	87,41	989,815
28/3/2012 09:30:00	0.0017		0.0019	IE	985		0.0145	4,28	300,29	0	10,96	573,4	81,47	990,176
28/3/2012 10:30:00	0.0018		0.002		38		0.0214	5,65	265,75	0	13,85	719,52	61,61	990,1
28/3/2012 11:30:00	0.0018		0.002		33		0.0246	5,75	264,26	0	15,08	798,26	53,29	989,484
28/3/2012 12:30:00	0.0019		0.0021		28		0.0271	5,48	267,14	0	16,29	891,94	48,95	988,741
28/3/2012 13:30:00	0.0021		0.002		20		0.0283	4,81	259,52	0	17,39	868,22	45,04	987,702
28/3/2012 14:30:00	0.0018		0.0019		27		0.0276	4,99	267,72	0	18,37	775,26	40,44	986,861
28/3/2012 15:30:00	0.0019		0.002		33		0.0275	4,9	281,69	0	19,18	618,87	37,26	986,413
28/3/2012 16:30:00	0.0016		0.0019		24		0.025	4,83	291,64	0	19,24	418,1	38,45	986,351
28/3/2012 17:30:00	0.0017		0.0018		29		0.0242	3,86	290,88	0	19	199,56	39,87	986,19
28/3/2012 18:30:00	0.0039		0.0019		82		0.0215	2,4	278,05	0	17,4	28,46	47,58	986,338
28/3/2012 19:30:00	0.004		0.002		68		0.0232	2,09	279,47	0	16,21	7,89	50,6	986,535
28/3/2012 20:30:00	0.0037		0.002		54		0.0215	2,31	287,09	0	15,67	8,39	52,73	986,853
28/3/2012 21:30:00	0.0023		0.0019		27		0.0217	2,56	279,83	0	15,25	8,44	53,28	986,887
28/3/2012 22:30:00	0.0022		0.0018		18		0.0207	2,59	292,13	0	14,32	8,35	57,2	986,764
28/3/2012 23:30:00	0.0021		0.0018		10		0.0197	2,86	299,51	0	13,21	8,36	60,52	986,503
29/3/2012 00:30:00	0.0022		0.0018		11		0.0192	3,51	301,91	0	12,5	8,4	63,17	986,363
29/3/2012 01:30:00	0.0024		0.0018		12		0.0207	3,97	303,84	0	12,39	8,43	62,37	986,535
29/3/2012 02:30:00	0.0026		0.0018		22		0.0189	3,55	281,51	0	11,21	8,44	67,18	986,579
29/3/2012 03:30:00	0.0027		0.0018		19		0.0202	3,58	279,31	0	11,81	8,45	63,55	986,726
29/3/2012 04:30:00	0.0029		0.0018		25		0.0194	3,33	289,71	0	11,23	8,48	65,94	987,022
29/3/2012 05:30:00	0.0028		0.0018		23		0.0192	2,74	297,42	0	10,74	8,66	67,39	987,631
29/3/2012 06:30:00	0.003		0.0018		24		0.0187	3,3	307,08	0	10,29	13,04	68,95	988,239
29/3/2012 07:30:00	0.0031		0.0018		39		0.0185	3,35	303,88	0	10,65	144,7	67,31	989,085
29/3/2012 08:30:00	0.0022		0.0018		28		0.0201	3,2	319,48	0	12,49	371,68	63,17	989,951
29/3/2012 09:30:00	0.002		0.0019		27		0.0223	4,07	311,34	0	14,63	537,58	59,06	990,33
29/3/2012 10:30:00	0.002		0.0019		29		0.0264	5,06	308,85	0	17,7	772,59	52,9	990,46
29/3/2012 11:30:00	0.0019		0.002		29		0.0311	4,6	301,9	0	19,63	556	45,98	990,525
29/3/2012 12:30:00	0.0019		0.0022		37		0.0354	4,9	304,81	0	21,29	930,93	38,66	989,863
29/3/2012 13:30:00	0.0019		0.0021		26		0.0362	3,69	292,33	0	21,84	675,29	36,47	989,274
29/3/2012 14:30:00	0.0018		0.0021		33		0.0369	3,81	305,85	0	23,05	766,73	35,06	988,684
29/3/2012 15:30:00	0.0018		0.0021		22		0.0387	3,88	304,98	0	23,35	598,44	34,02	988,427
29/3/2012 16:30														

31/3/2012 07:30:00	0.0017	0.002	21	0.0346	3.56	102.62	0	14.78	133.31	79.63	994.794
31/3/2012 08:30:00	0.0015	0.0021	18	0.036	3.84	88.23	0	16.86	353.55	74.16	995.012
31/3/2012 09:30:00	0.0015	0.0023	13	0.0369	4.34	77.68	0	18.76	557.86	66.97	995.032
31/3/2012 10:30:00	0.0016	0.0023	18	0.0369	4.91	78.83	0	20.23	715.52	62.07	994.792
31/3/2012 11:30:00	0.0014	0.0021	21	0.0371	4.26	62.79	0	21.95	814.63	56.07	994.196
31/3/2012 12:30:00	0.0014	0.0021	16	0.0368	3.84	75.7	0	23.06	849.21	51.45	993.479
31/3/2012 13:30:00	0.0014	0.002	17	0.0367	3.94	77.99	0	23.7	730.13	48.14	992.492
31/3/2012 14:30:00	0.0014	0.0021	9	0.0363	4.11	65.46	0	24.61	746.6	43.15	991.729
31/3/2012 15:30:00	0.0015	0.0023	16	0.0366	3.39	67.88	0	24.97	535.44	43.61	991.209
31/3/2012 16:30:00	0.0015	0.0021	9	0.0361	4.4	93.1	0	24.86	374.92	46.66	990.981
31/3/2012 17:30:00	0.0016	0.002	12	0.0356	4.17	101.57	0	24.36	177.44	49.05	990.814
31/3/2012 18:30:00	0.0018	0.0019	34	0.0343	4.09	118.16	0	22.52	22.64	56.39	990.759
31/3/2012 19:30:00	0.0021	0.002	45	0.0334	5.28	116.22	0	20.73	4.86	65.59	990.643
31/3/2012 20:30:00	0.0021	0.002	20	0.029	5.4	108.88	0	19.14	4.74	77.49	990.683
31/3/2012 21:30:00	0.002	0.002	17	0.0259	5.14	102.01	0	18.39	4.59	86.77	990.727
31/3/2012 22:30:00	0.002	0.002	18	0.0238	4.45	95.48	0	17.88	5.26	90.25	990.702
31/3/2012 23:30:00	0.0018	0.0019	5	0.0223	4.5	87.34	0	17.63	7.8	91.45	990.546