

Data de Medição		Eletrobras CGTEE																				
		Estação 5 - Azevedo																				
		Qualidade do Ar								Meteorologia												
		Ar Ambiente								Clima e Meteorologia												
Partículas Inaláveis (<10µm)		Dióxido de Nitrogênio		Ozônio		Dióxido de Enxofre		Velocidade Escalar do Vento		Direção Escalar do Vento		Precipitação Pluviométrica		Temperatura		Radiação Solar Global		Umidade Relativa		Pressão Atmosférica		
Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 3,0 m		Frequência Horária com amostra de 1 Hora a 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		
dd/mm/aaaa hh:mm	Valor [µg/m3]	Flag	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [ppm]	Flag	Valor [m/s]	Flag	Valor [°]	Flag	Valor [mm]	Flag	Valor [°C]	Flag	Valor [W/m2]	Flag	Valor [%]	Flag	Valor [mbar]	Flag
01/10/2016 00:30	16		0,0019		0,0236		0,0018		5,23		114,17		0		9,54		0		89,43		994,16	
01/10/2016 01:30	15		0,0019		0,0233		0,0017		5,01		113,88		0		9,4		0		91,14		994,13	
01/10/2016 02:30	14		0,0019		0,0236		0,0016		5,37		107,36		0		9,51		0		93,24		993,79	
01/10/2016 03:30	15		0,0017		0,0228		0,0016		5,19		115,49		0		9,61		0		94,41		993,64	
01/10/2016 04:30	19		0,0017		0,0222		0,0016		5,75		116,44		0		9,51		0		95,48		993,5	
01/10/2016 05:30	15		0,0017		0,0213		0,0016		5,69		115,8		0		9,57		0,01		95,93		993,81	
01/10/2016 06:30	9		0,0015		0,0214		0,0016		5,7		110,65		0		10,08		40,76		95,16		994,31	
01/10/2016 07:30	6		0,0015		0,0237		0,0016		5,66		101,95		0		11,87		226,99		89		995,55	
01/10/2016 08:30	12		0,0014		0,0252		0,0018		6,66		92,43		0		13,36		426,28		82,46		995,99	
01/10/2016 09:30	18		0,0013		0,0276		0,0016		6,28		80,03		0		15,27		557,05		72,01		996,3	
01/10/2016 10:30	17		0,0015		0,0296		0,002		5,65		65,05		0		16,81		714,24		65,02		996,3	
01/10/2016 11:30	25		0,0016		0,0309		0,0024		4,9		76,8		0		18,03		628,22		61,37		996	
01/10/2016 12:30	22		0,0016		0,0325		0,0023		4,71		72,14		0		19,11		813,75		56,67		995,41	
01/10/2016 13:30	18		0,0015		0,0337		0,0019		4,64		85,22		0		19,63		730,31		52,48		994,79	
01/10/2016 14:30	22		0,0014		0,0334		0,0016		4,92		89,96		0		20,09		720,88		47,61		993,74	
01/10/2016 15:30	21		0,0014		0,0336		0,0015		5,07		95,92		0		20,59		629,26		44,76		993,42	
01/10/2016 16:30	25		0,0014		0,0328		0,0017		4,94		103,52		0		20,52		358,77		46,12		993,27	
01/10/2016 17:30	28		0,0015		0,0313		0,0016		5,78		114,61		0		19,62		203,29		53,01		993,46	
01/10/2016 18:30	39		0,0016		0,0297		0,0015		6,56		112,77		0		17,31		19,51		65		993,83	
01/10/2016 19:30	27		0,0018		0,0282		0,0017		6,38		110,07		0		15,31		0		73,02		994,47	
01/10/2016 20:30	29		0,0016		0,0273		0,0016		6,65		109,28		0		13,93		0		77,12		994,7	
01/10/2016 21:30	20		0,0016		0,0276		0,0017		5,75		105,54		0		12,9		0,01		80,56		995,1	
01/10/2016 22:30	985	IU	0,0015		0,0274		0,0016		5,08		104,03		0		12,19		0,01		83,44		995,36	
01/10/2016 23:30	17		0,0014		0,0272		0,0016		5,97		109,13		0		11,65		0,01		85,56		995,15	
02/10/2016 00:30	19		0,0014		0,0265		0,0015		5,78		110,24		0		11,16		0,01		86,65		995,08	
02/10/2016 01:30	20		0,0014		0,027		0,0014		5,68		111,18		0		11,13		0,01		84,8		994,81	
02/10/2016 02:30	11		0,0013		0,0268		0,0014		5,95		109,18		0		10,93		0,01		85,66		994,06	
02/10/2016 03:30	13		0,0014		0,0267		0,0014		5,9		105,5		0		10,85		0,01		86,32		993,35	
02/10/2016 04:30	11		0,0013		0,0264		0,0014		5,47		106,63		0		10,77		0,01		87,43		993,22	
02/10/2016 05:30	13		0,0014		0,026		0,0014		5,76		116,75		0		10,88		0,02		88,09		993,77	
02/10/2016 06:30	11		0,0014		0,0246		0,0014		5,52		115,94		0		10,84		42,1		89,53		994,16	
02/10/2016 07:30	13		0,0013		0,0252		0,0014		6,02		105,9		0		11,99		234,24		87,02		994,69	
02/10/2016 08:30	14		0,0013		0,0263		0,0014		6,67		95,61		0		13,77		446,28		82,34		994,85	
02/10/2016 09:30	16		0,0014		0,0295		0,0016		6,61		89,31		0		15,95		596,99		73,53		995,19	
02/10/2016 10:30	14		0,0014		0,0302		0,0017		5,77		87,61		0		17,17		664,2		69,78		995,16	
02/10/2016 11:30	18		0,0015		0,0308		0,0015		6,36		94,46		0		18,37		848,35		66,35		994,33	
02/10/2016 12:30	21		0,0014		0,0316		0,0015		6,55		96,32		0		19,66		863,28		61,34		993,31	
02/10/2016 13:30	24		0,0014		0,0328		0,0015		7,21		93,72		0		20,55		820,05		56,26		992,02	
02/10/2016 14:30	17		0,0014		0,0342		0,0015		5,99		88,97		0		21,17		778,53		51,98		991,61	
02/10/2016 15:30	23		0,0014		0,0349		0,0015		5,58		97,27		0		21,54		585,46		49,78		991,21	
02/10/2016 16:30	23		0,0015		0,0346		0,0016		5		101,46		0		21,18		277,6		51,33		991,17	
02/10/2016 17:30	33		0,0015		0,0333		0,0016		6,03		120,62		0		20,11		132,6		58,7		991,49	
02/10/2016 18:30	33		0,0018		0,0335		0,0018		6,93		119,52		0		18,02		21,79		70,17		991,86	
02/10/2016 19:30	31		0,0019		0,0307		0,0018		6,99		119,94		0		16,61		0,01		76,03		993,03	
02/10/2016 20:30	28		0,0016		0,0287		0,0019		7,61		110,59		0		15,42		0,02		81,15		993	
02/10/2016 21:30	18		0,0014		0,0278		0,002		6,58		99,6		0		14,49		0,05		85,22		992,89	
02/10/2016 22:30	19		0,0015		0,0282		0,0019		6,53		99,51		0		14,14		0,05		85,4		992,69	
02/10/2016 23:30	18		0,0016		0,0279		0,0018		5,98		92,41		0		13,83		0,06		85,55		992,35	
03/10/2016 00:30	16		0,0015		0,028		0,0017		6,36		97,37		0		13,73		0,05		85,08		992,03	
03/10/2016 01:30	17		0,0014		0,0272		0,0017		5,8		105,47		0		13,25		0,05		86,63		991,87	
03/10/2016 02:30	13		0,0015		0,0258		0,0018		5,84		115,47		0		12,59		0,1		90,54		991,25	
03/10/2016 03:30	13		0,0015		0,026		0,0014		5,81		113,79		0		12,35		0,14		92,02		991,15	
03/10/2016 04:30	13		0,0014		0,0264		0,0014		6,21		117,07		0		12,44		0,12		90,72		990,76	
03/10/2016 05:30	15		0,0014		0,0269		0,0014		5,95		124,89		0		12,53		0,16		91,17		991,05	
03/10/2016 06:30	15		0,0014		0,0266		0,0014		5,81		114,92		0		12,86		17,03		91,68		991,52	
03/10/2016 07:30	16		0,0014		0,0272		0,0013		6,5		98,94		0		13,7		77,82		87,59		991,44	
03/10/2016 08:30	20		0,0014		0,028		0,0014		6,44		99,44		0		14,49		152,51		84,03		991,81	
03/10/2016 09:30	9		0,0014		0,0287		0,0014		6,03		92,51		0		14,93		147,88		81,92		992,47	
03/10/2016 10:30	17		0,0014		0,029		0,0015		6,08		101,16		0		15,63		302,64		79,72		992,2	
03/10/2016 11:30	15		0,0014		0,03		0,0015		6,58		102,27		0		17,15		508,09		73,61		991,34	
03/10/2016 12:30	20		0,0014		0,031		0,0016		6,43		97,79		0		18,26		640,04		69,6		990,86	
03/10/2016 13:30	23		0,0014		0,0321		0,0017		6,3		96,55		0		19,15		644,01		65,41		990,24	
03/10/2016 14:30	20		0,0014		0,0318		0,0016		6,2		91,9		0		19,01		554,37		66,03		989,72	
03/10/2016 15:30	17		0,0015		0,0331		0,0015		5,52		93,7		0		19,54		589,35		63,11		989,06	
03/10/2016 16:30	28		0,0015		0,0339		0,0016		5,61		112,85		0		19,54		395,3		63,34		988,66	

05/10/2016 05:30	9		0.0013		0.0295		0.0015	5.32	96.45	0	13.52	0.1	86.27	988.42
05/10/2016 06:30	10		0.0014		0.0295		0.0015	6.11	98.51	0	13.49	26.96	86.79	988.24
05/10/2016 07:30	10		0.0014		0.0305		0.0015	7.05	96.11	0	14.28	193.68	81.94	987.92
05/10/2016 08:30	8		0.0013		0.0315		0.0016	7.8	86.67	0	15.04	220.93	79.2	987.52
05/10/2016 09:30	10		0.0013		0.0321		0.0017	7.49	77.94	0	15.84	276.16	75.93	987.24
05/10/2016 10:30	8		0.0013		0.0318		0.0017	6.19	82.4	0	16.45	215.89	74.41	987.26
05/10/2016 11:30	20		0.0014		0.0314		0.0017	6.85	91.69	0	16.86	213.05	73.37	986.51
05/10/2016 12:30	12		0.0014		0.031		0.0017	6.33	88.95	0	16.99	116.62	72.8	986.05
05/10/2016 13:30	12		0.0014		0.0309		0.0017	7.01	94.63	0	17.01	178.79	73.71	985.49
05/10/2016 14:30	15		0.0013		0.0309		0.0017	6.9	97.82	0	17.08	152.68	73.67	984.96
05/10/2016 15:30	14		0.0014		0.0309		0.0018	7.17	102.43	0	16.83	140.4	73.36	984.43
05/10/2016 16:30	16		0.0015		0.0313		0.0017	7.76	112.08	0	16.81	136.36	71.28	984.1
05/10/2016 17:30	19		0.0016		0.031		0.0017	7.8	112.76	0	15.96	39.17	75.23	984.49
05/10/2016 18:30	25		0.0016		0.0298		0.0016	7.26	115.37	0	15.57	4.84	74.94	985.01
05/10/2016 19:30	21		0.0017		0.0292		0.0019	7.32	114.89	0	14.93	0	73.58	985.43
05/10/2016 20:30	19		0.0016		0.0274		0.0019	5.77	124.49	0	14.07	0.02	78.75	985.91
05/10/2016 21:30	25		0.0019		0.0264		0.0018	5.51	127.34	0	13.31	0.02	84.29	986.11
05/10/2016 22:30	21		0.0019		0.0255		0.0019	5.48	129.76	0	13.11	0.03	87.34	985.97
05/10/2016 23:30	20		0.0017		0.0247		0.0019	4.74	140.09	0	13.02	0.04	89.71	986
06/10/2016 00:30	16		0.0016		0.0227		0.0018	4.73	152.37	0	12.61	0.07	92.92	985.73
06/10/2016 01:30	19		0.0015		0.0233		0.0018	4.7	141.75	0	12.93	0.06	91.14	985.65
06/10/2016 02:30	17		0.0014		0.0236		0.0018	5.34	144.87	0	12.4	0.17	93.55	985.51
06/10/2016 03:30	18		0.0014		0.0243		0.0019	5.64	142.39	0	11.95	0.19	93.22	985.38
06/10/2016 04:30	13		0.0014		0.0242		0.002	5.9	134.81	0	11.66	0.19	92.84	985.08
06/10/2016 05:30	16		0.0015		0.0247		0.0019	5.59	120.73	0	11.64	0.28	91.97	985.25
06/10/2016 06:30	9		0.0014		0.0232		0.0017	5.22	126.99	0	11.43	38.3	93.86	985.65
06/10/2016 07:30	18		0.0014		0.0236		0.0017	5.81	133.89	0	12.39	307.6	90.93	986.32
06/10/2016 08:30	15		0.0013		0.0265		0.0018	5.98	120.67	0	13.71	325.86	84.56	986.89
06/10/2016 09:30	22		0.0013		0.0273	IC	0.0018	6.42	112.19	0	15.22	500.27	73.61	986.93
06/10/2016 10:30	985		0.0019	IC	0.0253		0.0017	6.07	113.39	0	16.52	661.79	62.98	986.95
06/10/2016 11:30	30		0.0014		0.0249		0.001	5.95	101.78	0	17.7	766.66	51.45	986.63
06/10/2016 12:30	20		0.0014		0.027		0.0008	4.93	107.85	0	18.08	558.48	48.33	986.39
06/10/2016 13:30	18		0.0014		0.0281		0.0007	6.2	102.69	0	18.67	686.52	48.58	985.73
06/10/2016 14:30	15		0.0014		0.0302		0.0007	5.49	105.72	0	18.86	547.39	45.78	985.55
06/10/2016 15:30	24		0.0014		0.0303		0.0009	5.04	103	0	19.28	548.2	43.77	985
06/10/2016 16:30	24		0.0015		0.0301		0.0008	5.1	100.35	0	18.9	330.78	44.06	984.84
06/10/2016 17:30	28		0.0016		0.0298		0.0007	4.12	104.98	0	18.35	214.22	45.04	985.01
06/10/2016 18:30	35		0.0018		0.028		0.0008	3.76	117.49	0	17.03	29.99	53.49	985.05
06/10/2016 19:30	49		0.0032		0.0261		0.0011	4.35	127.92	0	15.69	0	59.01	985.15
06/10/2016 20:30	22		0.002		0.0258		0.001	5.36	129.49	0	14.6	0	64.19	985.55
06/10/2016 21:30	23		0.0018		0.0246		0.0009	5.27	133.05	0	13.29	0	70.11	986
06/10/2016 22:30	24		0.0019		0.0234		0.0008	5.01	125.88	0	12.46	0.03	75.25	986.33
06/10/2016 23:30	23		0.0017		0.0225		0.0006	4.31	112.79	0	11.97	0.06	79.54	986.27
07/10/2016 00:30	19		0.0018		0.0218		0.0007	3.59	100.93	0	11.43	0.1	84.37	985.72
07/10/2016 01:30	16		0.0017		0.0212		0.0008	2.88	84.59	0	10.99	0.14	88.58	985.17
07/10/2016 02:30	15		0.0018		0.0206		0.0008	2.46	90.5	0	10.78	0.18	91.43	984.68
07/10/2016 03:30	22		0.0049		0.0175		0.0042	2.46	73.09	0	10.85	0.25	91.86	984.29
07/10/2016 04:30	31		0.0062		0.0159		0.0122	2.12	62.67	0	10.73	0.34	93.02	984.39
07/10/2016 05:30	17		0.0032		0.0188		0.005	2.1	60.17	0	10.82	0.6	93.71	984.79
07/10/2016 06:30	17		0.0021		0.0191		0.0024	2.12	65.25	0	10.81	57.13	95.21	985.46
07/10/2016 07:30	17		0.0016		0.02		0.0015	2.46	42.09	0	11.49	165.54	93.8	986.08
07/10/2016 08:30	12		0.0017		0.0199		0.0013	2.94	36.21	0	12.12	203.52	90.36	986.19
07/10/2016 09:30	18		0.0014		0.0205		0.001	3.65	21.24	0	14.15	609.25	82.35	986.24
07/10/2016 10:30	17		0.0014		0.0233		0.001	4.25	20.95	0	16.68	731.21	70.12	985.63
07/10/2016 11:30	26		0.0014		0.025		0.0008	3.87	15.91	0	18.1	663.81	62.83	985.31
07/10/2016 12:30	12		0.0014		0.0272		0.0006	2.9	5.78	0	19.44	546.56	51.73	984.62
07/10/2016 13:30	30		0.0014		0.0285		0.0006	2.19	333.54	0	20.67	752.86	45.31	983.81
07/10/2016 14:30	41		0.0015		0.0298		0.0006	2.16	311.86	0	21.45	642.53	40.13	982.8
07/10/2016 15:30	30		0.0015		0.0295		0.0007	2.47	345.67	0	20.95	439.4	42.73	982.2
07/10/2016 16:30	32		0.0016		0.0277		0.0007	3.66	359.08	0	20.29	255.55	47.65	981.77
07/10/2016 17:30	50		0.0025		0.0264		0.0008	3.55	333.52	0	19.85	98.95	50.49	981.94
07/10/2016 18:30	98		0.0032		0.0243		0.001	4.91	236.2	0	16.03	10.92	79.54	983.08
07/10/2016 19:30	28		0.0023		0.0221		0.0007	4.73	224.42	0	14.31	1.2	93.44	983.68
07/10/2016 20:30	12		0.0025		0.0194		0.0007	3.99	214.85	0	13.98	1.02	96.44	983.86
07/10/2016 21:30	17		0.0025		0.0203		0.0007	3.49	215.9	0	13.43	0.4	92	984.25
07/10/2016 22:30	18		0.0023		0.0198		0.0007	3.38	229.72	0	13.27	0.1	89.46	984.4
07/10/2016 23:30	10		0.0022		0.0202		0.0008	3.09	238.16	0	12.84	0.07	88.35	984.55
08/10/2016 00:30	12		0.0025		0.019		0.0008	3.95	242.35	0	11.83	0.19	92.53	984.75
08/10/2016 01:30	15		0.0026		0.0184		0.0006	3.21	248.97	0	10.63	0.3	95.58	985.13
08/10/2016 02:30	9		0.002		0.0236		0.0007	3.24	242.83	0	10.24	0.18	93.2	985.07
08/10/2016 03:30	17		0.0018		0.0258		0.0007	3.39	250.7	0	10.73	0.09	92.08	985.07
08/10/2016 04:30	12		0.0022		0.0215		0.0006	3.32	236.46	0	10.13	0.14	93.96	985.59
08/10/2016 05:30	10		0.0022		0.0214		0.0006	2.95	230.83	0	9.28	0.07	88.32	985.9
08/10/2016 06:30	18		0.0022		0.0236		0.0007	2.87	249.4	0	9.81	64.32	80.16	986.35
08/10/2016 07:30	23		0.0024		0.0248		0.0006	3.79	265.67	0	11.75	281.09	74.02	987.01
08/10/2016 08:30	20		0.0021		0.0269		0.0007	4.81	265.71	0	13.43	505.79	65.1	987.22
08/10/2016 09:30	29		0.0022		0.0272		0.0008	5.35	262.56	0	14.63	697.67	55.99	987.23
08/10/2016 10:30	47		0.0019		0.0259		0.0008	6.72	257.59	0	15.19	854.89	52.08	987.56
08/10/2016 11:30	44		0.0019		0.0264		0.0006	6.99	259.62	0	15.47	877.01	50.34	987.77
08/10/2016 12:30	49		0.002		0.0289		0.0006	6.66	254.72	0	16.11	880.59	47.06	987.78
08/10/2016 13:30	44		0.002		0.0304		0.0006	6.47	250.92	0	16.43	889.24	46.43	987.68
08/10/2016 14:30	45		0.0018		0.0294		0.0006	6.08	246.3	0	16.43	762.59	47.08	987.65
08/10/2016 15:30	49		0.0019		0.0282		0.0002	6.04	244.42	0	16.72	639.64	42.93	987.7
08/10/2016 16:30	51		0.0017		0.0278		0.0004	5.41	241.36	0	16.01	292.1	44.92	988.17
08/10/2016 17:30	59		0.0027		0.0276		0.001	4.85	230.42	0	15.59	200.8	47.17	988.69
08/10/2016 18:30	68		0.0026		0.0254		0.0007	3.08	234	0	14.27	27.71	51.61	98

09/10/2016 21:30	38		0.002		0.0295		0.0007	3.18		140.64	0	15.95	0	32.57	994.91
09/10/2016 22:30	985	IE	0.0018	0.0281	0.0007		3.2	123.37	0	14.49	0	14.49	0	36.79	994.81
09/10/2016 23:30	20		0.0018	0.0262	0.0006		2.73	113.44	0	13.03	0	13.03	0	46.47	994.49
10/10/2016 00:30	27		0.0017	0.0253	0.0006		2.18	113.33	0	11.91	0	11.91	0	54.02	994.33
10/10/2016 01:30	34		0.008	0.0194	0.0041		2.12	104.4	0	11.72	0	11.72	0	56.37	994.07
10/10/2016 02:30	37		0.0082	0.0193	0.0148		1.53	59.56	0	11.35	0	11.35	0	58.76	993.61
10/10/2016 03:30	30		0.0052	0.0207	0.0027		0.92	65.65	0	10.27	0	10.27	0	64.37	993.51
10/10/2016 04:30	27		0.0034	0.0233	0.0013		0.77	39.53	0	10.22	0	10.22	0	67.31	993.85
10/10/2016 05:30	17		0.0018	0.0258	0.0009		0.85	112.76	0	10.54	0.18	10.54	0.18	67.17	994
10/10/2016 06:30	17		0.002	0.0251	0.0009		1.01	108.22	0	10.97	73.61	10.97	73.61	66.79	994.63
10/10/2016 07:30	28		0.0025	0.026	0.0011		1.43	61	0	12.08	268.78	12.08	268.78	65.74	995.41
10/10/2016 08:30	26		0.0021	0.0257	0.0012		2.27	45.79	0	12.88	495.43	12.88	495.43	64.18	995.64
10/10/2016 09:30	15		0.0021	0.0265	0.003		3.19	61.64	0	15.06	709.55	15.06	709.55	56.37	995.38
10/10/2016 10:30	20		0.0019	0.0308	0.0044		3.92	69.98	0	17.89	863.92	17.89	863.92	36.07	994.76
10/10/2016 11:30	21		0.0021	0.0351	0.0029		4.77	77.2	0	19.98	948.3	19.98	948.3	26.24	993.6
10/10/2016 12:30	17		0.0016	0.0361	0.0007		4.86	70.37	0	21.6	972.43	21.6	972.43	23.72	992.61
10/10/2016 13:30	16		0.0015	0.0348	0.001		4.51	73.97	0	23.13	930	23.13	930	22.11	991.82
10/10/2016 14:30	29		0.0021	0.0388	0.0041		5.95	66.32	0	23.9	822.94	23.9	822.94	18.3	990.61
10/10/2016 15:30	17		0.0017	0.0368	0.0015		5.17	57.97	0	24.16	529.17	24.16	529.17	18.54	990.36
10/10/2016 16:30	22		0.0015	0.0346	0.0009		4.42	71.86	0	23.49	276.63	23.49	276.63	20.92	989.84
10/10/2016 17:30	26		0.0019	0.0338	0.001		4.22	100.96	0	22.58	151.55	22.58	151.55	25.33	989.59
10/10/2016 18:30	985														
10/10/2016 19:30															
10/10/2016 20:30	985		0.0026	0.0284	0.0009		5.2	101.72	0	16.62	0	16.62	0	52.05	990.26
10/10/2016 21:30	28		0.0022	0.0275	0.001		3.7	94.18	0	15.77	0	15.77	0	55.3	991.04
10/10/2016 22:30	27		0.002	0.0266	0.001		3.66	100.41	0	14.92	0	14.92	0	59.14	990.53
10/10/2016 23:30	985	IE	0.0021	0.0262	0.0011		3.63	82.87	0	14.44	0	14.44	0	61.15	989.91
11/10/2016 00:30	985	IE	0.0028	0.0254	0.0013		4.38	89.39	0	14.03	0	14.03	0	62.8	989.21
11/10/2016 01:30	25		0.0024	0.0253	0.001		3.88	90.1	0	13.47	0	13.47	0	65.43	988.85
11/10/2016 02:30	23		0.0036	0.0246	0.0045		3.58	103.59	0	13.38	0	13.38	0	65.86	988.3
11/10/2016 03:30	22		0.0034	0.0248	0.006		3.46	101.57	0	13.4	0	13.4	0	66.38	988.17
11/10/2016 04:30	17		0.0021	0.0259	0.002		4.05	125.09	0	12.8	0	12.8	0	69.12	987.86
11/10/2016 05:30	22		0.0026	0.0256	0.0038		4.08	123.18	0	12.7	0	12.7	0	73.65	988.15
11/10/2016 06:30	15		0.002	0.0234	0.0013		4.05	119.43	0	11.94	60.8	11.94	60.8	83.54	988.67
11/10/2016 07:30	22		0.0017	0.0253	0.0013		3.64	105.93	0	14.04	271.66	14.04	271.66	78.76	989.06
11/10/2016 08:30	16		0.002	0.0265	0.0023		3.33	83.73	0	15.82	491.86	15.82	491.86	73.4	988.94
11/10/2016 09:30	31		0.0018	0.0272	0.0034		3.12	61.03	0	17.44	686.7	17.44	686.7	69.44	988.77
11/10/2016 10:30	26		0.0018	0.0311	0.0036		1.89	48.97	0	19.95	834.19	19.95	834.19	58.76	988.31
11/10/2016 11:30	28		0.0017	0.0345	0.0035		1.96	95.93	0	22.17	919.48	22.17	919.48	46.3	987.6
11/10/2016 12:30	28		0.0017	0.0363	0.0027		2.32	93.72	0	23.28	941.63	23.28	941.63	40.63	986.84
11/10/2016 13:30	29		0.0017	0.0366	0.0019		1.85	91.05	0	24.54	895.94	24.54	895.94	37.47	986.12
11/10/2016 14:30	26		0.0017	0.038	0.0017		1.93	78.57	0	25.15	791.15	25.15	791.15	36.18	985.15
11/10/2016 15:30	21		0.0015	0.0395	0.0013		2.27	71.53	0	25.36	632.35	25.36	632.35	34.21	984.29
11/10/2016 16:30	18		0.0016	0.0415	0.0013		1.9	38.66	0	25.53	436.69	25.53	436.69	31.22	983.79
11/10/2016 17:30	28		0.0017	0.0405	0.0012		1.24	88.29	0	25.6	209.45	25.6	209.45	33.81	983.8
11/10/2016 18:30	108		0.0033	0.0375	0.0013		1.42	138.21	0	24	27.77	24	27.77	37.08	984.36
11/10/2016 19:30	80		0.0031	0.0367	0.0013		2.78	153.1	0	23.02	0	23.02	0	42.05	984.45
11/10/2016 20:30	51		0.0026	0.0334	0.0013		3.8	129.54	0	21.06	0	21.06	0	59.23	984.6
11/10/2016 21:30	37		0.0024	0.0309	0.0016		3.81	108.02	0	19.06	0	19.06	0	75.05	984.63
11/10/2016 22:30	41		0.0025	0.0291	0.0019		3.7	98.87	0	17.88	0	17.88	0	81.16	984.67
11/10/2016 23:30	43		0.0033	0.029	0.0027		3.22	91.41	0	17.75	0	17.75	0	79.32	984.8
12/10/2016 00:30	45		0.0035	0.028	0.0021		3.27	93.26	0	17.27	0	17.27	0	79.73	984.52
12/10/2016 01:30	42		0.0036	0.0264	0.0031		2.9	79.57	0	16.52	0	16.52	0	82.14	984.31
12/10/2016 02:30	50		0.0051	0.0236	0.0072		2.98	74.07	0	15.9	0	15.9	0	83.85	983.67
12/10/2016 03:30	45		0.0036	0.025	0.0036		3.1	84.87	0	15.55	0	15.55	0	85.09	983
12/10/2016 04:30	55		0.0063	0.0234	0.0138		3.49	105.43	0	15.48	0	15.48	0	85.54	982.79
12/10/2016 05:30	49		0.0077	0.024	0.0161		3.6	106.55	0	15.8	0	15.8	0	84.27	983.44
12/10/2016 06:30	48		0.0091	0.024	0.0099		3.17	95.94	0	16.09	37.72	16.09	37.72	83.16	983.9
12/10/2016 07:30	41		0.007	0.0264	0.009		2.92	83.81	0	16.88	162.75	16.88	162.75	80.97	984.36
12/10/2016 08:30	37		0.0038	0.0298	0.0057		3.22	77.68	0	18.42	344.58	18.42	344.58	76.17	984.19
12/10/2016 09:30	40		0.0034	0.0297	0.0038		3.38	69.19	0	20.26	475.15	20.26	475.15	72.74	983.61
12/10/2016 10:30	36		0.0026	0.0343	0.0027		3.34	63.41	0	22.47	491.88	22.47	491.88	66.84	983.37
12/10/2016 11:30	30		0.0022	0.0376	0.0017		3.83	27.01	0	24.1	606.53	24.1	606.53	61.13	983.34
12/10/2016 12:30	32		0.0022	0.039	0.0014		4.28	16.65	0	24.65	585.41	24.65	585.41	56.7	982.72
12/10/2016 13:30	31		0.002	0.0392	0.0012		4.58	5.77	0	25.01	511.43	25.01	511.43	53.02	982.12
12/10/2016 14:30	28		0.0021	0.0383	0.0013		5.29	20.43	0	24.63	367.16	24.63	367.16	55.91	981.72
12/10/2016 15:30	31		0.0021	0.0365	0.0012		5.16	5.62	0	24.02	242.25	24.02	242.25	60.04	981.9
12/10/2016 16:30	46		0.0023	0.034	0.0012		4.59	339.97	0	22.85	142.67	22.85	142.67	62.56	981.72
12/10/2016 17:30	57		0.0026	0.032	0.0011		2.86	321.31	0	22.2	75.45	22.2	75.45	66.6	981.76
12/10/2016 18:30	76		0.0027	0.0291	0.0011		2.81	314.48	0	21.24	8.92	21.24	8.92	72.5	982.37
12/10/2016 19:30	50		0.0029	0.028	0.0009		2.43	326.69	0	20.32	0	20.32	0	75.91	981.54
12/10/2016 20:30	40		0.0027	0.0258	0.0009		2.37	324.44	0	19.41	0	19.41	0	80.38	981.12
12/10/2016 21:30	26		0.0027	0.0235	0.001		2.21	342.91	0	18.3	0	18.3	0	84.57	981.18
12/10/2016 22:30	19		0.0025	0.0228	0.001		1.57	25.66	0	17.88	0	17.88	0	86.54	981.28
12/10/2016 23:30	30		0.0024	0.0223	0.001		2.48	112.5	0	17.38	0	17.38	0	88.82	980.35
13/10/2016 00:30	985	IE	0.0022	0.0224	0.0009		3.6	210.93	0	17.2	0	17.2	0	89.63	980.91
13/10/2016 01:30	16		0.0022	0.025	0.0009		3.09	193.4	0	17.38	0	17.38	0	87.49	980.9
13/10/2016 02:30	19		0.0021	0.0257	0.001		2.55	149.47	0	17.39	0	17.39	0	86.73	980.36
13/10/2016 03:30	985	IE	0.0021	0.0243	0.0009		3.15	152.79	0	16.99	0	16.99	0	89.45	979.42
13/10/2016 04:30	985	IE	0.0021	0.0246	0.0008		2.41	130.65	0	17.03	0	17.03	0	89.35	980.05
13/10/2016															

14/10/2016 13:30	985	IE	0.0016		0.0355		0.0009	5.28		105.27	0	23.21		909.78		59.55		987.22
14/10/2016 14:30	985	IE	0.0015		0.0352		0.0009	4.92		105.94	0	24.41		804.24		55.91		986.61
14/10/2016 15:30	985	IE	0.0015		0.0358		0.0009	4.78		105.86	0	25.41		641.68		50.82		985.88
14/10/2016 16:30	985	IE	0.0015		0.0367		0.001	5.04		91.93	0	25.95		452.73		45.69		985.47
14/10/2016 17:30	985	IE	0.0015		0.0362		0.001	5.65		94.21	0	25.31		200.29		48.61		985.07
14/10/2016 18:30	985	IE	0.0018		0.0352		0.0011	5.6		98.02	0	23.36		35.2		58.15		985.3
14/10/2016 19:30	985	IE	0.002		0.0326		0.0011	5.54		105.51	0	21.21		0		68		985.91
14/10/2016 20:30	985	IE	0.0023		0.0334		0.0012	5.55		113.73	0	19.97		0		75.91		986.54
14/10/2016 21:30	985	IE	0.0023		0.0307		0.0011	4.91		107.85	0	18.74		0		82.25		987.25
14/10/2016 22:30	985	IE	0.0021		0.0272		0.0011	5.34		96.8	0	17.77		0		84.17		987.15
14/10/2016 23:30	985	IE	0.002		0.0237		0.0012	5.15		96.49	0	16.57		0		89.14		986.81
15/10/2016 00:30	985	IE	0.002		0.0216		0.0011	4.7		96.8	0	15.96		0		91.26		986.81
15/10/2016 01:30	985	IE	0.0019		0.0224		0.0012	4.91		86.63	0	15.88		0		88.4		986.76
15/10/2016 02:30	985	IE	0.0018		0.0216		0.001	5.17		87.56	0	15.31		0		89.59		986.32
15/10/2016 03:30	985	IE	0.0017		0.0229		0.0009	5.78		94.27	0	15.15		0		88.61		985.62
15/10/2016 04:30	985	IE	0.0016		0.0237		0.0009	6.26		102.35	0	15.19		0		86.99		984.81
15/10/2016 05:30	985	IE	0.0016		0.0228		0.001	5.28		109.1	0	15.26		0.39		88.03		984.94
15/10/2016 06:30	985	IE	0.0015		0.0226		0.001	5.04		92.72	0	15.39		43.63		87.96		984.39
15/10/2016 07:30	985	IE	0.0016		0.0224		0.001	4.64		82.55	0	15.87		83.94		86.37		984.68
15/10/2016 08:30	985	IE	0.0022		0.0227		0.002	5.53		72.54	0	16.71		169.67		85.67		984.5
15/10/2016 09:30	985	IE	0.0034		0.023		0.0066	5.16		52.7	0	17.76		231.48		84.03		984.25
15/10/2016 10:30	985	IE	0.0017		0.0248		0.0018	5.26		41.95	0	19.64		297.71		79.7		983.84
15/10/2016 11:30	985	IE	0.0018		0.0236		0.0013	4.21		52.61	0	20.02		275.91		82.18		982.77
15/10/2016 12:30	985	IE	0.0019		0.0238		0.0012	3.68		55.95	0	20.6		210.94		81.25		982.07
15/10/2016 13:30	985	IE	0.0021		0.0253		0.0011	4.57		14.72	0	21.4		131.49		77.7		982.29
15/10/2016 14:30	985	IE	0.0023		0.0252		0.001	3.55		347.78	0.4	20.9		34.52		80.4		982.75
15/10/2016 15:30	985	IE	0.0029		0.0223		0.001	3.77		308.21	2.6	19.67		22.09		89.09		983.47
15/10/2016 16:30	985	IE	0.0027		0.0236		0.001	6.49		310.81	1.4	18.61		18.48		95.3		982.73
15/10/2016 17:30	985	IE	0.0022		0.0348		0.001	9.4		13.84	0.4	19.32		38.19		79.6		977.04
15/10/2016 18:30	985	IE	0.0026		0.0298		0.001	6.17		17.7	0	19.18		30.22		84.94		977
15/10/2016 19:30	985	IE	0.0029		0.0285		0.001	5.77		12.55	0	18.91		0		87.15		977.8
15/10/2016 20:30	985	IE	0.0031		0.0261		0.001	4.77		6.34	0	18.56		0		89.4		978.2
15/10/2016 21:30	985	IE	0.0032		0.025		0.001	3.43		23.48	0	18.27		0		91.31		978.81
15/10/2016 22:30	985	IE	0.0034		0.0227		0.001	1.31		62.84	0	17.92		0		92.78		979.34
15/10/2016 23:30			0.0036		0.0223		0.001	0.81		98.85	0	17.63		0		93.78		979.35
16/10/2016 00:30	985	IE																
16/10/2016 01:30	985	IE	0.0034		0.0205		0.001	3.3		89.47	0	17.25		0		96.08		978.71
16/10/2016 02:30	985	IE	0.0037		0.019		0.0009	2.14		79.54	0	17.21		0		97.08		979.07
16/10/2016 03:30	985	IE	0.0031		0.0221		0.0011	2.07		49.77	0	17.83		0		95.61		979.15
16/10/2016 04:30	985	IE	0.0032		0.0205		0.001	2.34		60.19	0	17.74		0		95.88		977.94
16/10/2016 05:30	985	IE	0.003		0.0203		0.001	2.32		70.55	0	17.84		0		96.92		977.51
16/10/2016 06:30	985	IE	0.003		0.0203		0.0009	3.25		95.99	0	18.1		0.1		96.32		976.22
16/10/2016 07:30	985	IE	0.0049		0.0166		0.0016	4.11		112.2	0	18.14		4.35		96.76		975.54
16/10/2016 08:30	985	IE	0.0056		0.0154		0.0019	4.08		90.7	13	18.15		0.74		97.41		976.74
16/10/2016 09:30	985	IE	0.0051		0.0167		0.0017	2.77		123.67	8.2	18.28		0.03		98.09		978.22
16/10/2016 10:30	985	IE	0.0039		0.0168		0.0015	4.17		150.69	17.6	18.28		0.61		98.21		978.85
16/10/2016 11:30	985	IE	0.0035		0.0223		0.0013	6.84		190.07	12.8	18.28		27.79		98.2		979.9
16/10/2016 12:30	985	IE	0.0021		0.0363		0.0013	7.09		146.3	0.2	18.67		350.97		91.26		978.99
16/10/2016 13:30	985	IE	0.0018		0.0354		0.0012	6.13		106.67	0	19.95		396.02		84.46		979.08
16/10/2016 14:30	985	IE	0.0015		0.0363		0.0012	6.88		80.69	0	20.66		559.76		76.86		977.08
16/10/2016 15:30	985	IE	0.0016		0.0367		0.0011	6.28		55.62	0	21.54		586.46		71.67		976.01
16/10/2016 16:30	985	IE	0.0018		0.0384		0.0017	5.25		47.07	0	23.49		635.07		64.62		975.85
16/10/2016 17:30	985	IE	0.0039		0.039		0.0275	5.18		33.76	0	24.57		312.53		60.77		975.53
16/10/2016 18:30	985	IE	0.0019		0.0366		0.0027	4.09		22.48	0	24.31		157.31		64.72		976.12
16/10/2016 19:30	985	IE	0.0022		0.0303		0.0017	2.52		13.5	0	23.32		33.45		73		976.75
16/10/2016 20:30	985	IE	0.0033		0.0287		0.0012	1.62		0.21	0	22.69		0		76.73		977.77
16/10/2016 21:30	985	IE	0.0028		0.0285		0.001	2.02		346.25	0	22.58		0		78.6		978.87
16/10/2016 22:30	985	IE	0.0029		0.0301		0.001	2.25		341.24	0	22.69		0		77.61		979.64
16/10/2016 23:30	985	IE	0.004		0.027		0.001	2.06		249.16	0	22.2		0		79.95		979.92
17/10/2016 00:30	985	IE	0.004		0.0268		0.0011	1.67		205	0	22.12		0		79.24		979.69
17/10/2016 01:30	985	IE	0.0028		0.0267		0.0011	0.54		129.95	0	21.23		0		84.17		979.05
17/10/2016 02:30	985	IE	0.0023		0.0278		0.0011	0.59		240.61	0	21		0		86.25		979.47
17/10/2016 03:30	985	IE	0.0022		0.028		0.0012	1.88		209.13	0	20.25		0		87.08		980.58
17/10/2016 04:30	985	IE	0.0018		0.032		0.0014	2.32		203.97	0	20.75		0		83.02		980.45
17/10/2016 05:30	985	IE	0.0019		0.0282		0.0014	3.75		201.28	0	19.57		0		88.26		979.65
17/10/2016 06:30	985	IE	0.0021		0.0259		0.0013	5.33		171.95	0	18.66		0		90.35		979.1
17/10/2016 07:30	985	IE	0.0021		0.0269		0.0011	5.29		151.52	0	18.43		0.02		87.37		981.21
17/10/2016 08:30	985	IE	0.0024		0.0265		0.0011	5.3		160.22	0	18.15		1.49		84.42		981.76
17/10/2016 09:30	985	IE	0.0034		0.0252		0.001	2.74		172.03	1.4	17.85		8.15		84.79		984.26
17/10/2016 10:30	985	IE	0.0039		0.0201		0.0011	0.63		312.38	2.6	17.08		30.89		93.58		985.57
17/10/2016 11:30	985	IE	0.0043		0.0213		0.0009	1.66		234.17	3.6	16.6		16.6		89.78		986.94
17/10/2016 12:30	985	IE	0.0052		0.0239		0.0011	1		202.85	2.8	15.6		52.47		84.12		987.63
17/10/2016 13:30	985	IE	0.0023		0.027		0.0011	3.85		150.43	0.8	15.54		173.77		85		985.85
17/10/2016 14:30	985	IE	0.0017		0.0279		0.0011	7.12		136.98	0	16.7		583.57		86.66		982.32
17/10/2016 15:30	985	IE	0.0016		0.029		0.001	4.95		94.59	0	18.86		653.68		85.99		981.93
17/10/2016 16:30	985	IE	0.002		0.0299		0.001	3.69		168.12	0	20.28		610.6		81.12		983.18
17/10/2016 17:30	985	IE	0.002		0.0295		0.001	4.65		154.77	0	20.02		392.76		74.88		983.12
17/10/201																		

19/10/2016 05:30	9		0.0014		0.0209		0.0011	7.59	117.77	0	14.79	0	97.85	980.62
19/10/2016 06:30	8		0.0015		0.0233		0.001	7.87	110.19	0	14.96	0	96.13	980.54
19/10/2016 07:30	5		0.0013		0.0285		0.001	7.44	120.67	0	14.95	3.76	95.98	980.57
19/10/2016 08:30	4		0.0015		0.0292		0.0011	8.25	125.87	1.8	14.51	14.43	97.15	979.97
19/10/2016 09:30	8		0.0014		0.0276		0.001	9.88	106.88	0.2	14.65	29.14	96	978.47
19/10/2016 10:30	18		0.0017		0.0285		0.001	8.11	148.13	16.4	14.86	11.64	98.06	979.34
19/10/2016 11:30	7		0.0016		0.0272		0.001	8.13	140.63	3.6	14.93	61.16	98.09	979.48
19/10/2016 12:30	9		0.0016		0.0265		0.0011	7.93	126.01	1	15.37	86.95	96.73	978.9
19/10/2016 13:30	8		0.0016		0.0276		0.001	3.9	130.14	0.2	15.34	125.39	96.87	977.4
19/10/2016 14:30	11		0.0014		0.0272		0.0011	2.39	134.47	0.2	15.6	226.15	96.76	978.04
19/10/2016 15:30	14		0.0015		0.0248		0.0011	0.84	112.59	0	16.71	360.85	95.46	977.08
19/10/2016 16:30	13		0.0016		0.0247		0.001	0.17	90.05	0	18.69	360.88	89	976.19
19/10/2016 17:30	11		0.002		0.0236		0.0011	0.1	337.91	0	18.85	72.34	90.22	976.32
19/10/2016 18:30	15		0.0021		0.0238		0.0011	0.72	302.43	0	19.21	54.45	89.51	976.73
19/10/2016 19:30	12		0.0022		0.0224		0.0011	0.4	267.37	0	19	9.65	89.11	977.15
19/10/2016 20:30	10		0.002		0.0206		0.001	0.9	263.14	0	17.94	0	92.54	978.18
19/10/2016 21:30	7		0.0017		0.0218		0.001	1.68	261.09	0	16.95	0	94.76	979.16
19/10/2016 22:30	7		0.0015		0.0223		0.001	1.83	256.4	0	16.5	0	95.25	979.4
19/10/2016 23:30	985	IE	0.0016		0.022		0.0012	0.8	253.5	0	15.94	0	97.41	979.65
20/10/2016 00:30	6		0.0016		0.021		0.001	0.34	271.86	0	15.69	0	98.51	979.98
20/10/2016 01:30	8		0.0014		0.019		0.001	1.5	244.97	0.2	14.87	0	98.79	980.08
20/10/2016 02:30	8		0.0014		0.0186		0.0011	1.38	238.71	0.4	13.85	0	98.94	980.42
20/10/2016 03:30	14		0.0014		0.0186		0.001	1.35	245.68	0.4	13.34	0	98.78	981.23
20/10/2016 04:30	8		0.0014		0.0188		0.001	1.09	244.07	0	12.93	0	98.54	981.92
20/10/2016 05:30	8		0.0013		0.0208		0.0009	0.78	222.41	0.4	12.37	0	97.36	982.9
20/10/2016 06:30	9		0.0014		0.0235		0.001	0.85	223.38	0.4	11.71	0	96.94	983.99
20/10/2016 07:30	7		0.0016		0.0244		0.0009	0.99	214.54	0.6	11.62	19.18	97.99	985.2
20/10/2016 08:30	6		0.0018		0.0245		0.001	1.49	204.72	0.6	11.79	117.88	97.65	986.12
20/10/2016 09:30	10		0.0018		0.0245		0.0011	2.15	187.28	0.2	12.34	261.94	94.6	986.07
20/10/2016 10:30	15		0.0016		0.0248		0.0011	3.69	171.24	0	13.52	351.27	86.52	986.08
20/10/2016 11:30	12		0.0016		0.0241		0.0011	3.62	162.94	0	14.58	459.3	80.72	985.95
20/10/2016 12:30	13		0.0017		0.0238		0.0011	3.04	163.87	0	15.84	566.53	75.41	986.07
20/10/2016 13:30	20		0.0017		0.0233		0.0012	3.26	168.9	0	16.8	681.66	71.19	986.19
20/10/2016 14:30	20		0.0016		0.0233		0.0012	2.07	184.85	0	17.28	490.24	68.44	986.46
20/10/2016 15:30	19		0.0018		0.0228		0.0012	1.38	200.59	0	17.62	405.71	67.46	986.49
20/10/2016 16:30	17		0.0019		0.0221		0.0012	1.87	209.01	0	17.28	255.92	68.09	986.54
20/10/2016 17:30	16		0.0019		0.0224		0.0012	1.99	209.18	0	16.96	174.22	68.41	986.64
20/10/2016 18:30	25		0.0019		0.0215		0.0012	1.61	221.36	0	16.52	107.48	70.6	986.86
20/10/2016 19:30	17		0.0032		0.0204		0.0012	0.81	182.75	0	15.24	13.79	77.92	987.3
20/10/2016 20:30	12		0.0033		0.0195		0.0012	0.42	190.59	0	14.85	0	80.91	987.66
20/10/2016 21:30	9		0.0021		0.0209		0.0013	2.54	168.25	0	14.09	0	85.16	988.12
20/10/2016 22:30	13		0.0015		0.0218		0.0012	3.75	157.38	0	12.98	0	91.28	988.84
20/10/2016 23:30	985	IE	0.0015		0.0211		0.0011	2.53	154.3	0	12.41	0	93.03	989.16
21/10/2016 00:30	13		0.0014		0.0193		0.001	0.96	157.17	0	12.33	0	95.14	989.69
21/10/2016 01:30	15		0.0014		0.0206		0.0011	0.74	144.19	0.2	11.94	0	96.84	990.08
21/10/2016 02:30	14		0.0013		0.021		0.001	0.33	173.68	0.6	11.85	0	97.42	990.24
21/10/2016 03:30	12		0.0013		0.0213		0.0011	0.5	135.86	0.2	11.67	0	97.15	990.14
21/10/2016 04:30	11		0.0014		0.0204		0.0012	0.21	179.48	0	11.72	0	97.29	989.77
21/10/2016 05:30	13		0.0013		0.0196		0.0011	0.41	200.89	0	11.57	0	97.43	989.93
21/10/2016 06:30	15		0.0015		0.0191		0.0011	0.44	200.56	0.2	11.49	0.03	97.57	990.41
21/10/2016 07:30	13		0.0017		0.0186		0.0011	1.23	200.77	0	11.38	20.87	97.64	990.98
21/10/2016 08:30	16		0.0018		0.0182		0.0011	0.94	203.71	0	11.68	137.22	95.09	991.7
21/10/2016 09:30	14		0.0019		0.0199		0.0011	0.59	213.04	0	13.08	361.22	85.99	992.24
21/10/2016 10:30	7		0.002		0.0212		0.0012	0.94	233.25	0	13.79	351.43	78.6	992.27
21/10/2016 11:30	10		0.0019		0.0223		0.0013	1.58	221.56	0	14.45	502.19	71.97	992.26
21/10/2016 12:30	16		0.0017		0.0227		0.0012	1.79	202.9	0	15.1	577.07	68.2	992.17
21/10/2016 13:30	8		0.0016		0.0229		0.0011	1.62	169.2	0	16.08	835.77	63.48	991.74
21/10/2016 14:30	10		0.0014		0.0231		0.0011	1.68	169.58	0	16.87	828.64	61.82	991.05
21/10/2016 15:30	19		0.0015		0.0244		0.0011	1.78	166.49	0	17.37	761.36	58.36	990.68
21/10/2016 16:30	22		0.0016		0.0241		0.0011	1.72	172	0	17.83	567.47	56.6	990.25
21/10/2016 17:30	16		0.0019		0.0235		0.0011	1.74	167.93	0	18.06	441.05	54.78	990.05
21/10/2016 18:30	11		0.0017		0.0228		0.0009	2.22	146.33	0	17.62	220.12	57.99	990.26
21/10/2016 19:30	17		0.0016		0.0209		0.0011	1.83	121.75	0	16.39	31.54	68.1	990.64
21/10/2016 20:30	20		0.0018		0.0207		0.0011	2.75	128.46	0	14.92	0	75.96	990.98
21/10/2016 21:30	9		0.0015		0.0206		0.0012	2.97	130.57	0	13.75	0	81.44	991.61
21/10/2016 22:30	11		0.0016		0.0191		0.0011	2.32	131.6	0	12.97	0	87.87	992.36
21/10/2016 23:30	10		0.0015		0.0187		0.0011	1.85	123.94	0	12.56	0	89.9	992.73
22/10/2016 00:30	15		0.0015		0.0183		0.001	1.94	128.2	0	11.96	0	92.41	992.76
22/10/2016 01:30	9		0.0014		0.0198		0.001	3.1	137.29	0	11.55	0	92.33	992.47
22/10/2016 02:30	12		0.0014		0.0195		0.0011	2.54	141.6	0	10.86	0	96.51	992.29
22/10/2016 03:30	15		0.0013		0.0205		0.0011	1.8	132.43	0	10.43	0	98.18	992.17
22/10/2016 04:30	17		0.0014		0.0215		0.001	2.24	128.79	0	10.17	0	97.77	992.09
22/10/2016 05:30	11		0.0013		0.0217		0.001	2.67	127.27	0	10.13	0	96.9	992.01
22/10/2016 06:30	7		0.0013		0.0186		0.001	0.33	106.06	0	9.56	0.88	97.92	992.44
22/10/2016 07:30	15		0.0014		0.018		0.0011	0	100.48	0	9.7	35.99	99.5	993.07
22/10/2016 08:30	15		0.0012		0.0218		0.001	0.67	105.05	0	10.56	131.14	96.33	993.58
22/10/2016 09:30	20		0.0013		0.0226		0.001	0.71	100.31	0	11.6	244.27	89.16	993.69
22/10/2016 10:30	14		0.0013		0.0222		0.0011	0.41	96.28	0	12.92	377.95	82.56	993.8
22/10/2016 11:30	20		0.0014		0.0222		0.0011	0.45	103.18	0	14.9	822.9	73.04	993.18
22/10/2016 12:30	11		0.0013		0.0226		0.0012	2.37	101.33	0	16.58	896.65	66.64	992.67
22/10/2016 13:30	14		0.0013		0.0229		0.0012	4.55	93.31	0	17.86	999.35	60.69	992.15
22/10/2016 14:30	11		0.0013		0.0227		0.0012	4.64	95.86	0	18.9	908.12	55.97	991.37
22/10/2016 15:30	17		0.0012		0.0228		0.0012	4.7	98.62	0	19.89	866.67	53.36	990.39
22/10/2016 16:30	11		0.0013		0.0231		0.0012	2.63	103.5	0	20.45	699.61	51.17	989.56
22/10/2016 17:30	15		0.0013		0.0243		0.0012	3.11	96.28	0	20.84	475.37	47.85	989.27
22/10/2016 18:30	17		0.0014		0.0236		0.0012	3.82	106.54	0	19.89	154.19	53.56	989.1
22/10/2016 19:30	20		0.0015		0.023									

23/10/2016 21:30	21		0.0017		0.0201		0.0011		2.88		143.27		0		18.39		0		94.04		986.05	
23/10/2016 22:30	25		0.0016		0.0191		0.0011		2.65		145.47		0		18.14		0		95.69		986.55	
23/10/2016 23:30	19		0.0017		0.0182		0.0011		2.18		141.55		0		18.3		0		94.31		986.64	
24/10/2016 00:30	18		0.0016		0.0191		0.0012		2.45		130.14		0		18.19		0		93.86		986.39	
24/10/2016 01:30	14		0.0017		0.0192		0.0012		1.88		132.51		0		17.88		0		94.63		986.47	
24/10/2016 02:30	22		0.0017		0.0166		0.0011		1.31		142.66		0		17.59		0		96.5		986.71	
24/10/2016 03:30	15		0.0017		0.0167		0.0011		1.5		140.49		0		17.5		0		97.47		986.37	
24/10/2016 04:30	18		0.0017		0.0162		0.001		1.7		136.95		0		17.63		0.02		97.06		986.35	
24/10/2016 05:30	13		0.0017		0.0165		0.0011		1.43		126.77		0		17.56		0.03		97.39		986.67	
24/10/2016 06:30	10		0.0016		0.0155		0.001		1.27		114.61		0		17.36		0.17		98.29		986.45	
24/10/2016 07:30	16		0.0016		0.0154		0.001		1.08		117.65		0		17.3		20.33		98.64		986.6	
24/10/2016 08:30	16		0.0017		0.0157		0.001		1.6		118.57		0		17.51		91.41		98.59		987.15	
24/10/2016 09:30	18		0.0016		0.0165		0.001		2.11		117.53		0		17.94		181.72		97.45		987.43	
24/10/2016 10:30	20		0.0015		0.017		0.001		2.19		119.96		0		18.45		252.68		93.7		987.75	
24/10/2016 11:30	15		0.0016		0.019		0.001		2.34		122.27		0		19.78		464.25		86.78		987.88	
24/10/2016 12:30	24		0.0016		0.0196		0.001		2.57		119.66		0		20.11		271.95		85.15		987.57	
24/10/2016 13:30	20		0.0017		0.0192		0.001		2.93		121.77		0		19.65		177.64		87.7		987.1	
24/10/2016 14:30	16		0.0016		0.0214		0.001		3.64		108.8		0		19.72		181.68		87.16		986.77	
24/10/2016 15:30	16		0.0015		0.0208		0.001		2.45		107.29		0		19.63		130.28		88.14		986.65	
24/10/2016 16:30			0.0016		0.0205		0.001		2.02		110.29		0		19.93		125.42		87.21		986.33	
24/10/2016 17:30	985		0.0022	IE	0.0201	IE	0.0008	IE	1.59	IE	133.92	IE	0	IE	18.78	IE	38.39	IE	92.94	IE	986.9	IE
24/10/2016 18:30	17		0.0016		0.0183		0.0009		1.98		136.38		0		18.23		34.16		95.66		986.74	
24/10/2016 19:30	10		0.0019		0.0172		0.001		2.25		118.84		0		17.68		6.36		97.64		987.06	
24/10/2016 20:30	6		0.002		0.0164		0.0011		3.21		109.93		0		17.29		0		97.9		986.46	
24/10/2016 21:30	11		0.0017		0.0155		0.001		3.91		99.57		0		17.16		0		97.85		986.65	
24/10/2016 22:30																						
24/10/2016 23:30																						
25/10/2016 00:30																						
25/10/2016 01:30	985		0.0017	IE	0.0186	IE	0.0007	IE	3.58	IE	120.01	IE	0	IE	16.82	IE	0	IE	95.65	IE	986.28	IE
25/10/2016 02:30	0		0.0015		0.0188		0.001		5.6		116.43		0		16.9		0		95.6		985.45	
25/10/2016 03:30	5		0.0014		0.0187		0.001		6.26		112.22		0		16.83		0		95.82		984.48	
25/10/2016 04:30	12		0.0015		0.0186		0.001		4.61		108.28		0		17.03		0		94.33		984.64	
25/10/2016 05:30	7		0.0013		0.0189		0.0012		4.17		109.26		0		17.36		0		92.02		985.59	
25/10/2016 06:30	8		0.0014		0.0191		0.0011		4.06		99.47		0		17.53		0.16		90.25		986.25	
25/10/2016 07:30	7		0.0015		0.0189		0.001		4.38		104.17		0		17.64		23.64		90.49		986.36	
25/10/2016 08:30	9		0.0015		0.0186		0.0009		5.07		109.02		0		17.84		72.93		90.39		986.39	
25/10/2016 09:30	11		0.0014		0.0186		0.0009		5.81		99.25		0		18.27		163.91		88.58		986.39	
25/10/2016 10:30	10		0.0014		0.0186		0.001		5.15		88.39		0		19.2		235.16		85.17		986.51	
25/10/2016 11:30	15		0.0015		0.0182		0.001		5.21		82.95		0		19.62		169.27		84.27		986.6	
25/10/2016 12:30	8		0.0014		0.018		0.0011		4.45		87.06		0		19.5		139.69		85.7		986.53	
25/10/2016 13:30	4		0.0014		0.0177		0.0011		4.88		100.21		0		19.61		196.7		85.17		985.74	
25/10/2016 14:30	10		0.0014		0.018		0.0011		5.32		98.93		0		19.54		191.45		84.44		984.98	
25/10/2016 15:30	12		0.0014		0.0187		0.0012		4.64		91.63		0		19.92		128.8		81.68		984.72	
25/10/2016 16:30	13		0.0013		0.0184		0.0012		4.35		98.82		0		19.54		55.6		83.09		984.88	
25/10/2016 17:30	8		0.0014		0.0182		0.0011		4.42		99.29		0		19.28		53.15		83.77		984.64	
25/10/2016 18:30	9		0.0014		0.0186		0.0009		4.38		101.11		0		18.96		26.49		84.22		984.25	
25/10/2016 19:30	13		0.0016		0.0186		0.001		4.32		109.12		0		18.41		0.49		86.38		984.51	
25/10/2016 20:30	985	IE	0.0014		0.0185		0.0009		4.7		106.17		0		17.9		0		88.6		984.62	
25/10/2016 21:30	9		0.0015		0.0182		0.001		4.39		98.09		0.8		17.51		0		91.09		984.8	
25/10/2016 22:30	11		0.0014		0.0185		0.001		4.48		90.61		0.8		17.02		0		94.6		984.99	
25/10/2016 23:30	10		0.0014		0.0176		0.001		3.93		85.58		0		16.9		0		95.3		984.67	
26/10/2016 00:30	7		0.0014		0.017		0.001		3.13		84.75		0		16.93		0		95.11		984.3	
26/10/2016 01:30	6		0.0015		0.0162		0.001		2.86		89.76		0		16.94		0		95.29		983.66	
26/10/2016 02:30	16		0.0015		0.0154		0.0011		2.89		86.48		0		17.01		0		95.08		982.61	
26/10/2016 03:30	15		0.0014		0.0152		0.0012		2.45		82.75		0.2		17.08		0		94.55		981.73	
26/10/2016 04:30	11		0.0015		0.0153		0.0011		1.37		83.44		0		17.19		0		93.32		981.18	
26/10/2016 05:30	13		0.0016		0.0147		0.0013		0.88		70.59		1.6		17.07		0		94.59		980.93	
26/10/2016 06:30	11		0.0025		0.0129		0.0016		1.39		68.31		0		16.78		0		97.47		980.59	
26/10/2016 07:30	10		0.0037		0.0114		0.0031		0.62		69.31		0		16.94		16.33		97.98		980.86	
26/10/2016 08:30	12		0.003		0.0118		0.005		0.25		68.56		0		17.21		54.14		97.84		981.03	
26/10/2016 09:30	11		0.0021		0.0128		0.0035		0.83		48.95		0		17.64		116.59		96.95		981.14	
26/10/2016 10:30	9		0.0016		0.0137		0.002		1.01		29.07		0		18.27		129.01		93.65		980.74	
26/10/2016 11:30	9		0.0017		0.0145		0.0015		0.09		359.28		0		18.97		146.18		90.89		980.32	
26/10/2016 12:30	15		0.0017		0.0176		0.0014		0.53		341.31		0		20.05		233.23		87.07		979.46	
26/10/2016 13:30	16		0.0017		0.0195		0.0013		1.65		345.29		0		20.64		268.1		84.99		978.56	
26/10/2016 14:30	11		0.0017		0.0223		0.0012		2.03		339.77		0		21.26		311.37		82.29		977.52	
26/10/2016 15:30	16		0.0018		0.023		0.0012		1.65		328.52		0		21.19		198.37		82.78		976.64	
26/10/2016 16:30	21		0.002		0.0241		0.0011		1.51		332.45		2		21.12		131.51		83.98		975.69	
26/10/2016 17:30	14		0.0019		0.0296		0.0012		4.9		258.43		3.6		18.41		94.38		94.7		975.22	
26/10/2016 18:30	10		0.002		0.0242		0.0012		2.77		247.02		0.2		18.21		46.66		96.05		975.31	
26/10/2016 19:30	16		0.0021		0.0201		0.0012		2.2		259.95		0.2		18.45		14.59		95.71		975.67	
26/10/2016 20:30	13		0.0023		0.0196		0.0013		1.16		280.19											

28/10/2016 13:30	37		0.0015		0.0251		0.0013		2.03		189.3		0		14.49		1043.56		53.26		992.4
28/10/2016 14:30	34		0.0015		0.0247		0.0013		1.85		186.53		0		15.45		919.94		51.26		992.53
28/10/2016 15:30	33		0.0015		0.0246		0.0012		1.57		175.88		0		15.92		902.1		49.56		992.39
28/10/2016 16:30	33		0.0015		0.0244		0.0012		0.89		193.97		0		16.45		735.94		48.88		992.33
28/10/2016 17:30	39		0.0019		0.0243		0.0014		1.48		176.37		0		16.27		417.78		50.48		992.58
28/10/2016 18:30	48		0.002		0.0241		0.0014		1.05		167.91		0		16.02		198.04		50.98		993.05
28/10/2016 19:30	57		0.0025		0.0223		0.0014		0.04		153.77		0		15.34		53.09		55.65		993.6
28/10/2016 20:30	51		0.0023		0.0215		0.0013		0.28		144.77		0		13.71		0.01		63		994.28
28/10/2016 21:30	34		0.0018		0.0218		0.0012		1.65		135.9		0		12.71		0		68.56		994.86
28/10/2016 22:30	32		0.0015		0.0217		0.0013		2.5		130.38		0		11.84		0		74.48		995.38
28/10/2016 23:30	24		0.0015		0.0213		0.0013		2.32		124.08		0		11.03		0		78.3		995.61
29/10/2016 00:30	29		0.0016		0.0192		0.0012		1.4		113.34		0		10.1		0		83.19		995.38
29/10/2016 01:30	24		0.0015		0.019		0.0012		1.22		110.11		0		9.54		0		86.09		995.33
29/10/2016 02:30	28		0.0015		0.0191		0.0012		0.97		112.3		0		9.22		0		88.95		994.9
29/10/2016 03:30	30		0.0014		0.0196		0.0013		0.7		111.77		0		9.14		0		90.35		994.63
29/10/2016 04:30	27		0.0015		0.0182		0.0013		0.35		111.74		0		8.59		0		93.7		994.52
29/10/2016 05:30	26		0.0014		0.0179		0.0011		0.46		103.53		0		8.26		0		96.25		994.82
29/10/2016 06:30	18		0.0013		0.0181		0.0012		0.71		97.12		0		8.09		4.6		97.59		995.19
29/10/2016 07:30	23		0.0013		0.0178		0.0011		0.66		80.44		0		8.28		126.99		98.03		995.84
29/10/2016 08:30	23		0.0038		0.0162		0.0016		0.94		53.62		0		9.73		361.02		91.88		996.52
29/10/2016 09:30	27		0.0031		0.0186		0.0018		2.25		69.9		0		11.79		575.26		78.71		997.07
29/10/2016 10:30	27		0.0016		0.0225		0.0015		3.12		64.13		0		13.86		763.28		67.7		996.86
29/10/2016 11:30	27		0.0024		0.0232		0.0022		2.82		54.74		0		15.58		905.29		60.15		996.56
29/10/2016 12:30	27		0.0017		0.0259		0.0016		1.74		62.96		0		17.6		984.57		54.49		996.18
29/10/2016 13:30	29		0.0019		0.0286		0.003		1.1		38.55		0		19.15		1000.16		49.76		995.69
29/10/2016 14:30	26		0.002		0.0317		0.0036		1		107.87		0		20.33		958.25		44.18		995.06
29/10/2016 15:30	27		0.0018		0.0317		0.003		1.19		79.56		0		21.24		854.19		41.04		994.25
29/10/2016 16:30	28		0.0016		0.0315		0.0021		0.88		76.52		0		22.05		691.28		39.48		993.56
29/10/2016 17:30	25		0.0015		0.0287		0.0014		0.76		74.42		0		22.45		487.57		39.36		993.07
29/10/2016 18:30	21		0.0014		0.0267		0.0014		0.9		62.6		0		22.31		263.09		41.62		992.95
29/10/2016 19:30	21		0.0016		0.0237		0.0014		0.22		84.46		0		21.07		59.85		50.32		993.06
29/10/2016 20:30	42		0.0032		0.022		0.0017		1.57		111.69		0		18.6		0.04		60.49		993.19
29/10/2016 21:30	63		0.0044		0.0212		0.0032		2.88		108.66		0		16.3		0		75.25		993.42
29/10/2016 22:30	28		0.0019		0.0208		0.0016		3.17		101.72		0		14.88		0		82.99		993.52
29/10/2016 23:30	985	IE	0.0018		0.0193		0.0014		3		94.96		0		13.68		0		86.28		993.32
30/10/2016 00:30	24		0.0017		0.0188		0.0013		2.56		90.61		0		12.87		0		87.33		992.96
30/10/2016 01:30	23		0.0017		0.0183		0.0013		1.93		81.11		0		12.09		0		90.11		992.39
30/10/2016 02:30	26		0.0016		0.0185		0.0012		2.85		79.81		0		11.67		0		91.2		991.88
30/10/2016 03:30	18		0.002		0.0179		0.0011		2.75		74.15		0		11.14		0		93.03		991.24
30/10/2016 04:30	20		0.0027		0.0173		0.0011		2.48		78.27		0		11		0		93.23		990.9
30/10/2016 05:30	19		0.0035		0.0168		0.0019		2.37		79.53		0		10.95		0		92.92		991.1
30/10/2016 06:30	29		0.0033		0.017		0.0028		2.26		83.29		0		10.9		4.65		93.55		991.41
30/10/2016 07:30	22		0.0025		0.0177		0.0016		1.96		88.45		0		11.63		129.22		91.34		991.84
30/10/2016 08:30	27		0.0024		0.0186		0.0016		2.38		75.77		0		13.29		346.47		85.76		991.99
30/10/2016 09:30	26		0.0015		0.0213		0.0015		2.44		49.75		0		15.82		560.58		76.65		991.97
30/10/2016 10:30	23		0.0015		0.0228		0.0014		2.78		33.82		0		18.29		748.1		68.15		991.6
30/10/2016 11:30	25		0.0015		0.0246		0.0013		2.59		24.63		0		20.67		888.72		61.23		990.87
30/10/2016 12:30	20		0.0016		0.0266		0.0013		2.6		19.01		0		22.35		968.16		55.39		990.09
30/10/2016 13:30	25		0.0016		0.0283		0.0013		2.01		26.71		0		23.99		988.17		50.26		989.1
30/10/2016 14:30	14		0.0015		0.0288		0.0013		1.49		47.97		0		25		949.29		45.14		988.01
30/10/2016 15:30	19		0.0016		0.0287		0.0013		1.4		35.06		0		25.78		845.86		41.66		987.01
30/10/2016 16:30	20		0.0015		0.0301		0.0015		0.86		35.77		0		26.35		689.54		36.9		985.85
30/10/2016 17:30	17		0.0016		0.032		0.0015		1.26		45.36		0		26.47		484.5		35.84		984.99
30/10/2016 18:30	22		0.0017		0.0306		0.0013		0.51		25.56		0		26.03		264.75		37.69		984.41
30/10/2016 19:30	41		0.0024		0.0263		0.0014		0		4.97		0		24.9		60.09		45.01		984.22
30/10/2016 20:30	51		0.0031		0.0257		0.0014		0.27		78.09		0		23.29		0.03		50.67		984.17
30/10/2016 21:30	39		0.0022		0.0256		0.002		1.74		104.65		0		20.1		0		73.36		984.45
30/10/2016 22:30	33		0.002		0.024		0.0019		1.83		108.22		0		18.59		0		77.52		984.8
30/10/2016 23:30	985	IE	0.0021		0.0234		0.0019		1.85		92.24		0		17.97		0		76.63		984.53
31/10/2016 00:30	33		0.0024		0.0225		0.0017		1.41		99.42		0		16.69		0		76.29		984.2
31/10/2016 01:30	30		0.0068		0.0178		0.0016		1.67		101.78		0		15.86		0		79.05		983.82
31/10/2016 02:30	29		0.0082		0.0181		0.0019		1.84		105.73		0		15.76		0		79.89		983.08
31/10/2016 03:30	36		0.0054		0.02		0.0017		1.04		100.33		0		15.32		0		82.49		982.49
31/10/2016 04:30	30		0.0041		0.0215		0.0017		0.17		71.71		0		15.52		0		81.61		982.86
31/10/2016 05:30	31		0.0026		0.0233		0.0018		0.35		53.2		0		16.12		0		79.14		983.04
31/10/2016 06:30	25		0.0032		0.0204		0.0016		0.11		61.92		0		15.23		12.66		84.47		983.27
31/10/2016 07:30	25		0.0024		0.0203		0.0017		0.05		48.45		0		15.98		171		82.36		983.58
31/10/2016 08:30	29		0.0021		0.0209		0.0017		0.66		30.23		0		16.14		119.48		81.74		983.4
31/10/2016 09:30	25		0.0022		0.0187		0.0017		0.22		39.71		0		16.77		265.18		82.82		983.58
31/10/2016 10:30	31		0.0021		0.0229		0.0016		1.13		19.09		0		19.67		650.5		74.49		983.11
31/10/2016 11:30	27		0.0024		0.0314		0.0017		1.02		348.65		0		22.95		611.66		59.58		982.52
31/10/2016 12:30	34		0.0022		0.0344		0.0016		2.21		339.57		0		25.45		982		51.2		981.81
31/10/2016 13:30	36		0.002		0.037		0.0014		3.54												