

Data de Medição	Eletrobras CGTEE																			
	Estação 4 - Pedras Altas																			
	Qualidade do Ar						Meteorologia													
	Ar Ambiente						Clima e Meteorologia													
	Partículas Inaláveis (<10µm)		Dióxido de Nitrogênio		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 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 3,0 m		Frequência Horária com amostra de 1 Hora a 1,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		Frequência Horária com amostra de 1 Hora a 2,0 m		
Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		Rotina		
Data	Valor [µg/m3]	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
01/05/2017 00:30	10		0,0014		0,0007		2,97		25,76		0		19,84		0		32,7		979,44	
01/05/2017 01:30	7		0,0014		0,0008		2,8		12,5		0		19,5		0		33,29		979,43	
01/05/2017 02:30	6		0,0015		0,0008		2,77		14,5		0		18,95		0		39,42		979,23	
01/05/2017 03:30	7		0,0015		0,0008		2,68		22,41		0		19,18		0		37,7		978,83	
01/05/2017 04:30	10		0,0015		0,0008		2,45		29,23		0		18,93		0		39,77		978,77	
01/05/2017 05:30	10		0,0014		0,0008		2,15		23,95		0		18,86		0		41,13		979,09	
01/05/2017 06:30	8		0,0017		0,0008		2,65		14,81		0		17,56		0		52,82		979,48	
01/05/2017 07:30	15		0,0017		0,001		2,26		33,44		0		17,58		26,1		56,78		979,78	
01/05/2017 08:30	15		0,0016		0,0009		2,48		52,15		0		18,8		122,05		45,41		980,09	
01/05/2017 09:30	12		0,0018		0,0008		1,79		59,17		0		20,18		211,63		34,94		980,14	
01/05/2017 10:30	8		0,0016		0,0008		2,91		74,82		0		21,02		357,19		31,9		979,79	
01/05/2017 11:30	7		0,0018		0,0008		3,18		100,93		0		21,38		420,15		36,58		979,48	
01/05/2017 12:30	11		0,0015		0,0007		5,02		86,7		0		21,78		660,02		35,53		978,8	
01/05/2017 13:30	10		0,0015		0,0007		5,39		80,72		0		22,01		604,83		33,64		978,02	
01/05/2017 14:30	9		0,0015		0,0007		5,3		86,62		0		21,91		391,79		33,16		977,62	
01/05/2017 15:30	16		0,0018		0,0007		5,75		109,7		0		20,04		168,41		45,53		977,26	
01/05/2017 16:30	9		0,0019		0,0008		5,8		118,18		0		19,1		125,89		52,84		977,14	
01/05/2017 17:30	16		0,0019		0,0007		6,15		118,42		0		18,12		40,43		54,65		977,1	
01/05/2017 18:30	18		0,0023		0,0007		6,15		99,26		0		17,59		0		56,03		977,4	
01/05/2017 19:30	13		0,0022		0,0007		6,83		91,25		0		17,61		0		53,46		977,48	
01/05/2017 20:30	11		0,002		0,0007		7,56		82,22		0		17,67		0		49,94		977,49	
01/05/2017 21:30	10		0,0023		0,0008		7,69		85,9		0		17,37		0		50,41		977,42	
01/05/2017 22:30	12		0,0022		0,0008		7,56		79,66		0		16,7		0		48,27		977,3	
01/05/2017 23:30	13		0,0018		0,0007		8,59		74,32		0		17,34		0		36,65		976,68	
02/05/2017 00:30	10		0,0018		0,0007		8,05		75,87		0		16,3		0		41,25		976,39	
02/05/2017 01:30	5		0,0017		0,0008		7,08		67,98		0		15,7		0		42,37		976,07	
02/05/2017 02:30	6		0,0016		0,0007		7,76		62,57		0		15,53		0		41,39		976,03	
02/05/2017 03:30	6		0,0016		0,0008		7,63		61,04		0		15,57		0		42,58		975,98	
02/05/2017 04:30	6		0,0017		0,0008		8,17		59,63		0		15,3		0		46,17		975,26	
02/05/2017 05:30	6		0,0016		0,001		7,06		49,57		0		14,74		0		51,05		975,14	
02/05/2017 06:30	6		0,0016		0,0015		7,5		55,51		0		15,23		0		56,61		975,15	
02/05/2017 07:30	7		0,0017		0,0018		7,42		63,6		0		14,88		39,96		58,92		975,72	
02/05/2017 08:30	10		0,0017		0,0018		7,2		54,11		0		16,38		231,39		56,18		975,98	
02/05/2017 09:30	21		0,0016		0,0013		6,04		33,03		0		17,8		420,34		59,12		976,29	
02/05/2017 10:30	19		0,0017		0,001		6,12		23,8		0		20,28		568,92		56,07		976,14	
02/05/2017 11:30	14		0,0016		0,0009		6,15		16,88		0		21,3		665,96		54,28		975,79	
02/05/2017 12:30	10		0,0016		0,0008		5,97		10,25		0		21,96		706,74		50,69		975,31	
02/05/2017 13:30	9		0,0017		0,0007		5,3		11,74		0		22,44		672,72		50,1		974,5	
02/05/2017 14:30	12		0,0016		0,0007		5,86		9,83		0		22,82		509,63		48,19		973,75	
02/05/2017 15:30	12		0,0016		0,0007		4,8		5,74		0		22,86		352,09		49,64		973,77	
02/05/2017 16:30	14		0,0017		0,0008		4,29		10,34		0		22,8		235,29		53,67		973,91	
02/05/2017 17:30	16		0,002		0,0008		3,58		39,84		0		21,69		53,12		61,02		973,93	
02/05/2017 18:30	12		0,002		0,0008		4,44		56,38		0		20,3		0		66,13		974,1	
02/05/2017 19:30	12		0,002		0,0008		4,68		56,64		0		20,05		0		67,85		974,35	
02/05/2017 20:30	19		0,0025		0,0008		4,94		67,66		0		19,57		0		70,88		974,69	
02/05/2017 21:30	16		0,0028		0,0008		4,76		93,2		0		18,13		0		76,98		975,05	
02/05/2017 22:30	27		0,0028		0,0008		5,63		78,69		0		18,03		0		78,77		975,09	
02/05/2017 23:30	22		0,0027		0,0008		4,21		56,12		0		17,41		0		83,53		975,22	
03/05/2017 00:30	20		0,0024		0,0009		6,31		62,59		0		17,7		0		81,92		975,12	
03/05/2017 01:30	22		0,0023		0,0009		5,99		53,42		0		17,89		0		80,93		975,07	
03/05/2017 02:30	20		0,0023		0,0009		4,16		37,2		0		17,54		0		82,34		975,51	
03/05/2017 03:30	19		0,0021		0,0009		3,8		30,79		0		18,03		0		80,41		975,55	
03/05/2017 04:30	17		0,0022		0,0008		3,67		25,85		0		18,43		0		79,23		975,49	
03/05/2017 05:30	18		0,0026		0,001		3,79		23,85		0		18,63		0		78,37		975,64	
03/05/2017 06:30	16		0,0029		0,0011		3,52		20,26		0		18,64		0		77,46		975,92	
03/05/2017 07:30	16		0,0027		0,001		2,98		19,98		0		18,91		39,48		75,29		976,29	
03/05/2017 08:30	17		0,0023		0,001		2,07		15,24		0		20,03		223,38		70,52		976,57	
03/05/2017 09:30	15		0,002		0,0008		1,55		352,07		0		22,01		407,7		63,79		976,87	
03/05/2017 10:30	11		0,002		0,0009		1,84		300,01		0		22,45		510,48		64,44		976,56	
03/05/2017 11:30	16		0,0017		0,0008		3,19		139,72		0		22,97		560,21		62,75		976,09	
03/05/2017 12:30	10		0,0017		0,0008		3,87		112,95		0		22,86		522,95		63,14		975,9	
03/05/2017 13:30	10		0,0016		0,0007		4,15		99,11		0		22,76		440,76		63,44		975,33	
03/05/2017 14:30	10		0,0018		0,0008		4,18		108		0		22,57		363,67		63,74		975,45	
03/05/2017 15:30	17		0,002		0,0009		4,89		120,51		0		22,16		279,99		69,61		975,31	
03/05/2017 16:30	18		0,0022		0,0009		4,63		111,34		0		21,28		119,81		74,32		974,92	
03/05/2017 17:30	13		0,0026		0,0009		4,48		96,89		0		20,19		16,08		78,81		974,87	
03/05/2017 18:30	22		0,0023		0,0009		4,7		91,1		0		19,73		0		80,19		974,97	
03/05/2017 19:30	26		0,0027		0,0009		4,41		135,7		0		18,65		0		85,61		975,45	
03/05/2017 20:30	18		0,0022		0,0009		6,24		132,07		0		17,91		0		89,35		975,19	
03/05/2017 21:30	18		0,0024		0,0008		5,68		116,12		0		17,76		0		89,97		975,34	
03/05/2017 22:30	16		0,0026		0,0009		5,49		109,04		0		17,84		0		92,8		975,03	
03/05/2017 23:30	18		0,0023		0,0009		5,78		104,87		0		17,63		0		89,04		974,73	
04/05/2017 00:30	12		0,002		0,0009		5,25													

05/05/2017 05:30	13	0.002	0.0008	1.97	107.25	0	15.93	0	94.37	973.33
05/05/2017 06:30	8	0.002	0.0008	3.9	127.93	0	13.72	0	97.81	973.89
05/05/2017 07:30	5	0.0016	0.0008	4.39	142.85	0	12.96	36.57	98.64	974.63
05/05/2017 08:30	7	0.0019	0.0008	4.68	127.67	0	14.48	192.83	98.88	975.2
05/05/2017 09:30	7	0.0018	0.0008	4.5	99.27	0	15.6	305.87	98.53	975.45
05/05/2017 10:30	7	0.0016	0.0008	3.37	99.41	0	16	365.94	98.39	975.7
05/05/2017 11:30	11	0.0017	0.0008	2.5	71.57	0	17.01	393.08	97.02	975.72
05/05/2017 12:30	9	0.0016	0.0009	2.42	112.28	0	18.61	682.46	94.07	975.34
05/05/2017 13:30	7	0.0016	0.0008	2.86	119.64	0	20.27	581.82	81.01	974.5
05/05/2017 14:30	8	0.0017	0.0009	3.84	141.41	0	20.73	482.8	76.94	973.92
05/05/2017 15:30	11	0.0017	0.0008	5.57	145.31	0	19.84	497.4	80.38	973.97
05/05/2017 16:30	12	0.0016	0.0008	5.42	134.83	0	19.16	269.23	82.41	974.15
05/05/2017 17:30	13	0.0018	0.0008	6.46	115.1	0	16.87	55.08	92.43	974.26
05/05/2017 18:30	10	0.0019	0.0008	6.02	118.69	0	15.7	0	96.18	974.69
05/05/2017 19:30	10	0.0019	0.0008	6.77	110.75	0	16	0	93.64	974.88
05/05/2017 20:30	11	0.0019	0.0008	7.04	101.04	0	16.13	0	94.29	975.02
05/05/2017 21:30	11	0.0023	0.0008	7.1	97.47	0	16.03	0	95.04	975.25
05/05/2017 22:30	12	0.0024	0.0008	6.54	96.08	0	15.72	0	96.19	975.61
05/05/2017 23:30	22	0.0026	0.0009	4.61	79.17	0	15.58	0	95.12	975.86
06/05/2017 00:30	15	0.0021	0.0008	5.23	81.36	0	15.29	0	94.22	975.69
06/05/2017 01:30	18	0.0018	0.0008	4.86	75.24	0	15.08	0	93.1	975.79
06/05/2017 02:30	13	0.0017	0.0008	6.5	83.63	0	14.63	0	93.74	975.5
06/05/2017 03:30	11	0.0017	0.0008	5.73	77.5	0	14.33	0	94.72	975.4
06/05/2017 04:30	8	0.0015	0.0008	5.42	55.39	0	14.67	0	94.08	975.43
06/05/2017 05:30	6	0.0014	0.0008	4.71	48.22	0	15.08	0	92.06	975.47
06/05/2017 06:30	6	0.0015	0.0009	6.15	42.74	0	15.36	0	89.98	975.57
06/05/2017 07:30	9	0.0014	0.0009	4.36	34.53	0	15.8	43.4	89.06	976.39
06/05/2017 08:30	9	0.0013	0.0009	4.15	28.22	0	16.91	238.86	84.46	976.78
06/05/2017 09:30	6	0.0015	0.0009	6.75	52.34	0	17.98	326.71	80.12	977.27
06/05/2017 10:30	4	0.0013	0.0008	7.39	50.77	0	18.58	525.02	76.14	977.35
06/05/2017 11:30	5	0.0014	0.0008	7.79	51.22	0	19.64	679.64	68.69	976.99
06/05/2017 12:30	8	0.0015	0.0008	7.4	57.32	0	20.77	690.21	64.53	976.29
06/05/2017 13:30	9	0.0014	0.0008	7.83	49.81	0	21.39	668.04	58.84	975.5
06/05/2017 14:30	9	0.0015	0.0008	6.64	57.49	0	21.96	575.86	57.72	975.11
06/05/2017 15:30	7	0.0015	0.0008	7.31	57.84	0	21.96	402.21	56.39	974.73
06/05/2017 16:30	10	0.0015	0.0008	6.93	53.67	0	21.26	182.46	58.65	974.83
06/05/2017 17:30	13	0.0016	0.0009	5.33	53.81	0	20.06	42.03	65.66	975.03
06/05/2017 18:30	12	0.0019	0.0008	7.01	68.99	0	18.92	0	71.71	974.9
06/05/2017 19:30	10	0.0022	0.0008	7.4	80.81	0	18.06	0	78.23	975.23
06/05/2017 20:30	56	0.0018	0.0008	7.13	82.58	0	16.91	0	90.7	975.7
06/05/2017 21:30	12	0.0018	0.0009	9.18	71.85	0	16.73	0	92.14	975.26
06/05/2017 22:30	11	0.0016	0.0008	9.75	61.83	0	16.67	0	90.59	975.04
06/05/2017 23:30	9	0.0015	0.0008	8.74	59.95	0	16.66	0	89.42	975.07
07/05/2017 00:30	7	0.0015	0.0009	7.31	57.16	0	16.54	0	89.18	974.88
07/05/2017 01:30	5	0.0015	0.0008	5.56	48.5	0	16.26	0	89.95	974.97
07/05/2017 02:30	5	0.0014	0.0008	6.11	56.41	0	16.1	0	90.27	974.73
07/05/2017 03:30	8	0.0015	0.0008	5.73	55.05	0	15.75	0	92.75	974.23
07/05/2017 04:30	8	0.0015	0.0008	5.92	40.76	0	15.52	0	92.79	973.55
07/05/2017 05:30	7	0.0014	0.0008	8.59	56.12	0	15.65	0	92.49	972.83
07/05/2017 06:30	5	0.0014	0.0008	8.71	54.08	0	15.71	0	92.32	973.12
07/05/2017 07:30	5	0.0013	0.0009	7.11	52.34	0	15.87	24.66	91.48	973.81
07/05/2017 08:30	5	0.0014	0.0008	6.42	40.92	0	16.93	200.6	87.57	974.27
07/05/2017 09:30	5	0.0015	0.0008	5.82	37.36	0	18.9	391.32	80.35	974.54
07/05/2017 10:30	7	0.0014	0.0007	7.29	21.91	0	20.47	539.81	72.62	974.41
07/05/2017 11:30	7	0.0016	0.0009	7.98	9.93	0	21.8	633.44	66.58	973.99
07/05/2017 12:30	7	0.0016	0.0009	7.86	7.84	0	22.69	673.09	60.92	973.2
07/05/2017 13:30	7	0.0018	0.0009	7.91	9.65	0	23.57	646.92	58.54	972.31
07/05/2017 14:30	9	0.002	0.0009	6.57	8.34	0	24.03	560.1	57.16	971.73
07/05/2017 15:30	9	0.0017	0.0009	6.86	10.29	0	24.38	416.42	53.96	971.03
07/05/2017 16:30	7	0.0017	0.0009	5.99	24.32	0	24.23	238.92	54.44	970.55
07/05/2017 17:30	10	0.0016	0.0009	4.3	35.78	0	22.93	53.58	60.97	970.62
07/05/2017 18:30	12	0.0018	0.0009	5.07	55.2	0	21.43	0	67.06	970.68
07/05/2017 19:30	14	0.0019	0.0009	6.95	55.81	0	20.78	0	71.12	970.35
07/05/2017 20:30	13	0.0022	0.001	8.37	54.15	0	20	0	76.15	970.11
07/05/2017 21:30	12	0.0021	0.0009	8.79	55.35	0	19.05	0	83.37	970.1
07/05/2017 22:30	12	0.0021	0.0008	6.12	36.26	0	18.17	0	89.47	970.52
07/05/2017 23:30	11	0.0018	0.0008	4.63	32.13	0	18.12	0	87.73	970.77
08/05/2017 00:30	12	0.0018	0.0009	5.88	19.19	0	18.67	0	83.25	970.27
08/05/2017 01:30	10	0.0018	0.0009	5.18	33.76	0	18.96	0	80.35	969.1
08/05/2017 02:30	9	0.0018	0.0009	4.25	24.96	0	18.84	0	80.77	968.68
08/05/2017 03:30	10	0.0019	0.0011	4.23	15.04	0	18.92	0	80.55	968.3
08/05/2017 04:30	10	0.002	0.001	3.77	40.26	0	18.73	0	81.43	968.18
08/05/2017 05:30	8	0.0019	0.001	3.73	37.48	0	18.72	0	80.9	967.82
08/05/2017 06:30	5	0.0019	0.0009	4.29	19.15	0	18.84	0.01	79.51	968.09
08/05/2017 07:30	8	0.0019	0.001	4.05	14.71	0	18.49	25.41	81.29	968.39
08/05/2017 08:30	11	0.002	0.001	4.2	16.35	0	18.38	88.98	83.96	968.81
08/05/2017 09:30	11	0.002	0.0008	3.67	4.63	0	18.46	175.54	84.46	968.75
08/05/2017 10:30	11	0.0018	IC 0.0008	4.8	4.99	0	19.18	172.87	80.3	968.56
08/05/2017 11:30	17	0.0333	IC 0.0008	5.1	355.66	0.4	18.38	48.32	84.89	968.83
08/05/2017 12:30	12	0.003	IC 0.001	3.8	330.42	2	17.36	80.68	94.95	969.28
08/05/2017 13:30	10	0.0026	IC 0.1987	4.57	340.62	0.6	17.13	73.36	96.01	968.36
08/05/2017 14:30	985	IU 0.0028	IC 0.2634	5.82	2.46	1.8	17.02	101.67	96.81	966.44
08/05/2017 15:30	12	0.003	0.0008	7.23	6.23	0	17.43	126.33	90.17	964.69
08/05/2017 16:30	13	0.0021	0.0006	7.74	357.84	0	17.84	58.53	86.1	964.32
08/05/2017 17:30	13	0.0029	0.0006	6.7	354.43	0	17.44	11.9	87.6	964.86
08/05/2017 18:30	13	0.0036	0.0015	6.19	344.62	0	17.09	0	92.64	966.03
08/05/2017 19:30	10	0.0023	0.0009	5.53	313.46	0	16.95	0	94.46	967.34
08/05/2017 20:30	8	0.0023	0.0006	5.22	280.78	0	16.73	0	96.7	967.9
08/05/2017 21:30	6	0.0022	0.0006	4.6	283.4	0	16.65	0	97.53	968.03
08/05/2017 22:30	5	0.0021	0.0006	3.85	262.75	0	16.63	0	97.87	968.34
08/05/2017 23:30	4	0.0022	0.0005	3.03	242.22	0	16.58	0	98.07	968.49
09/05/2017 00:30	1	VR 0.0019	0.0005	4.1	238.07	0	16.53	0	98.19	968.74
09/05/2017 01:30	1	VR 0.0019	0.0006	3.84	230.04	0	16.36	0	98.26	969.17
09/05/2017 02:30	6	0.0019	0.0005	4.17	225.92	0.4	16.1	0	98.34	969.81
09/05/2017 03:30	7	0.0016	0.0005	5.44	185.5	0	15.49	0	98.43	969.9
09/05/2017 04:30	5	0.0015	0.0005	5.9	167.82	0	14.72	0	98.56	969.91
09/05/2017 05:30	4	0.0014	0.0005	5.06	171.61	0	14.44	0	98.52	970.43
09/05/2017 06:30	6	0.0014	0.0006	4.63	181.71	0	14.25	0	97.87	971.44
09/05/2017 07:30	8	0.0015	0.0006	4.27	188.53	0	13.92	8.47	96.71	972.38
09/05/2017 08:30	9	0.0015	0.0005	6.85	190.05	0	13.37	45.09	96.22	973.37
09/05/2017 09:30	9	0.0014	0.0005	6.39	182.53	0	12.77	110.79	94.73	974.28
09/05/2017 10:30	9	0.0015	0.0006	5.05	176.08	0	13.33	252.08	87.97	974.88
09/05/2017 11:30	11	0.0013	0.0006	5.6	178.66	0	14.43	434.4	81.33	974.96
09/05/2017 12:30	11	0.0014	0.0006	4.77	181.64	0	15.72	648	73.74	974.9
09/05/2017 13:30	11									

19/05/2017 05:30	5	0.0015	0.0006	10.74	59.56	0	15.73	0	91.76	964.86
19/05/2017 06:30	5	0.0016	0.0005	10.78	62.75	0	15.73	0	91.21	964.9
19/05/2017 07:30	7	0.0016	0.0005	13.95	73.7	0	15.66	8.81	90.25	964.73
19/05/2017 08:30	8	0.0015	0.0005	13.94	71.29	0	16.13	128.78	86.53	965.26
19/05/2017 09:30	17	0.0014	0.0005	13.63	70.53	0	17.08	291.67	81.88	965.62
19/05/2017 10:30	7	0.0015	0.0005	12.59	63.99	0	17.93	463.68	77.36	965.8
19/05/2017 11:30	6	0.0014	0.0006	11.52	54.98	0	18.54	574	75.32	965.63
19/05/2017 12:30	7	0.0014	0.0006	10	57.93	0	19.11	380.97	73.33	964.97
19/05/2017 13:30	7	0.0014	0.0007	9.44	62.16	0	18.63	146.51	75.87	964.55
19/05/2017 14:30	9	0.0015	0.0006	9.69	63.09	0	18.42	204.14	77.88	964.07
19/05/2017 15:30	9	0.0015	0.0007	9.56	64.24	0	18.39	201.98	78.69	963.73
19/05/2017 16:30	9	0.0015	0.0006	9.02	59.53	0	18.2	144.94	81.12	963.7
19/05/2017 17:30	7	0.0015	0.0006	8.53	55.35	0	17.56	6.75	85.67	964.31
19/05/2017 18:30	6	0.0016	0.0006	7.54	56.76	0	17.24	0	88.5	964.86
19/05/2017 19:30	9	0.0017	0.0006	7.37	53.54	0	17.17	0	89.11	965.3
19/05/2017 20:30	11	0.0018	0.0006	7.36	49.09	0	17.05	0	90.37	965.76
19/05/2017 21:30	9	0.0017	0.0005	5.54	39.5	0	16.97	0	91.51	966.12
19/05/2017 22:30	7	0.0018	0.0006	4.33	32.56	0	17.01	0	91.45	966.47
19/05/2017 23:30	8	0.0019	0.0006	5.29	25.57	0	17.08	0	90.8	966.58
20/05/2017 00:30	8	0.0018	0.0006	4.83	10.88	0	17.08	0	90.95	966.74
20/05/2017 01:30	6	0.002	0.0006	5.55	21.02	0	16.86	0	90.81	966.2
20/05/2017 02:30	5	0.0037	0.0006	5.06	354.62	0	16.23	0	95.31	966.99
20/05/2017 03:30	7	0.0106	0.0007	4.72	356.95	0	16.13	0	97.3	967.35
20/05/2017 04:30	8	0.0092	0.0007	4.19	356.16	0	16.15	0	97.56	967.62
20/05/2017 05:30	4	0.0017	0.0006	6.37	236.66	0.4	12.93	0	97.86	968.39
20/05/2017 06:30	2	0.0017	0.0005	4.03	230.6	0	11.57	0	98.88	969.42
20/05/2017 07:30	5	0.0016	0.0005	1.74	215.42	0	11.66	4.74	98.76	970.16
20/05/2017 08:30	9	0.0015	0.0005	0.79	306.28	0	12.08	40.83	98.29	970.87
20/05/2017 09:30	9	0.0017	0.0005	1.95	233.84	0	12.43	87.78	93.56	971.48
20/05/2017 10:30	8	0.0016	0.0005	1.24	167.87	0	13.85	251.73	81.42	971.57
20/05/2017 11:30	6	0.0014	0.0005	3.05	223.73	0	13.97	145.26	79	971.3
20/05/2017 12:30	5	0.0015	0.0005	2.81	232.15	0.8	12.81	52.19	88.71	971.23
20/05/2017 13:30	8	0.0016	0.0005	3.1	206.93	2.2	12.08	53.39	95.34	970.32
20/05/2017 14:30	5	0.0015	0.0005	2.64	211.82	2.4	11.66	14.41	95.96	969.8
20/05/2017 15:30	1 VR	0.0015	0.0005	4.81	235.04	4	11.26	79.73	97.45	969.79
20/05/2017 16:30	2	0.0015	0.0005	3.91	190.56	0.2	11.23	20.1	97.68	969.37
20/05/2017 17:30	7	0.0016	0.0005	3.16	180.89	4.6	11.24	0	95.52	969.28
20/05/2017 18:30	8	0.0015	0.0006	3.42	202.91	0.8	11.06	0	95.85	969.24
20/05/2017 19:30	4	0.0015	0.0006	3.78	211.98	2	10.95	0	95.56	969.45
20/05/2017 20:30	6	0.0015	0.0005	2.48	256.01	1.8	10.84	0	97.92	970.41
20/05/2017 21:30	6	0.0015	0.0005	1.1	199.86	0.2	10.81	0	97.35	970.51
20/05/2017 22:30	6	0.0015	0.0005	2.14	251.59	0	10.89	0	92.71	970.18
20/05/2017 23:30	4	0.0015	0.0005	2.59	255.95	0	10.36	0	97.91	970.3
21/05/2017 00:30	1 VR	0.0014	0.0005	2.24	278.54	0	9.98	0	98.75	970.19
21/05/2017 01:30	985 IU	0.0015	0.0005	2	317.58	0.2	9.36	0	98.87	970.23
21/05/2017 02:30	2	0.0014	0.0005	1.8	15.16	0	8.75	0	99.25	970.43
21/05/2017 03:30	4	0.0013	0.0005	1.65	359.02	0.2	9.1	0	99.33	970.3
21/05/2017 04:30	4	0.0014	0.0005	2.03	338.7	0	8.37	0	99.24	970.19
21/05/2017 05:30	2	0.0015	0.0007	2.02	346.24	0.2	8.34	0	99.34	970.24
21/05/2017 06:30	3	0.0018	0.0007	1.9	359.57	0	8.56	0	99.4	970.73
21/05/2017 07:30	8	0.0042	0.0056	2.05	1.86	0	9.08	41.43	99.39	971.32
21/05/2017 08:30	10	0.0079	0.0085	3.09	5.25	0.2	9.64	232.82	98.73	971.89
21/05/2017 09:30	10	0.0053	0.0026	4.91	356.67	0	11.3	399.37	87.81	972.02
21/05/2017 10:30	11	0.0022	0.0023	5.72	340.18	0	12.75	452.11	78.72	972.05
21/05/2017 11:30	6	0.0015	0.0008	6.72	318.72	0	14.22	580.93	73.22	971.86
21/05/2017 12:30	3	0.0015	0.0007	7.17	307.42	0	14.99	521.16	71.6	971.13
21/05/2017 13:30	7	0.0015	0.0007	8.86	320.55	0	15.77	625.98	65.34	970.48
21/05/2017 14:30	10	0.0014	0.0007	8.16	320.93	0	16.22	488.13	61.97	970.19
21/05/2017 15:30	10	0.0015	0.0008	7.18	311.55	0	16.52	351.83	61.15	970.35
21/05/2017 16:30	10	0.0015	0.0008	6.68	314.7	0	16.1	173.34	66.3	970.55
21/05/2017 17:30	11	0.0015	0.0006	6.27	329.17	0	14.88	18.96	74.07	971.06
21/05/2017 18:30	12	0.0025	0.0039	5.8	346.52	0	13.62	0	81.13	971.5
21/05/2017 19:30	12	0.0027	0.0034	5.32	342.72	0	12.9	0	84.61	972.03
21/05/2017 20:30	13	0.0032	0.0059	4.62	348.87	0	12.6	0	85.85	972.86
21/05/2017 21:30	12	0.0027	0.0057	4.57	344.64	0	12.62	0	85.85	973.31
21/05/2017 22:30	9	0.0021	0.0024	3.61	343.59	0	12.32	0	86.54	973.61
21/05/2017 23:30	11	0.0023	0.0034	2.71	357.21	0	12.1	0	86.8	974.2
22/05/2017 00:30	12	0.0024	0.0031	2.74	354.3	0	12.1	0	85.73	974.37
22/05/2017 01:30	10	0.0025	0.0029	2.95	343.32	0	11.96	0	85.45	974.31
22/05/2017 02:30	9	0.0028	0.0028	3.13	6.86	0	11.37	0	87.47	974.36
22/05/2017 03:30	11	0.003	0.0044	2.79	355.23	0	11.39	0	87.34	974.46
22/05/2017 04:30	10	0.0021	0.0015	3.32	327	0	11.97	0	86.37	974.62
22/05/2017 05:30	6	0.0018	0.0009	3.47	314.68	0	12.29	0	85.27	974.71
22/05/2017 06:30	5	0.0018	0.001	2.38	329.68	0	12.22	0	84.77	975.18
22/05/2017 07:30	7	0.0017	0.001	2.05	320.07	0	12.61	20.42	82.31	975.65
22/05/2017 08:30	10	0.0018	0.0012	1.13	343.55	0	13.33	183.49	80.76	976.29
22/05/2017 09:30	11	0.0016	0.0008	1.38	259.13	0	15.18	354.94	73.74	976.65
22/05/2017 10:30	985 IU	0.0004 IU	0.0003 IU	1.86	222.95	0	17.06	506.33	62.47	976.91
22/05/2017 11:30	985 IU	0 IU	0.0003 IU	1.56	207.86	0	18.36	593.39	53.04	976.68
22/05/2017 12:30	985 IU	0.0024 IU	0.0002 IU	1.2	166.51	0	19.78	631.68	43.52	976.43
22/05/2017 13:30	3 IU	0.0023 IU	0.0002 IU	1.61	276.64	0	19.88	580.32	49.7	976.11
22/05/2017 14:30	4 IU	0.002	0.0002 IU	2.14	94.54	0	20.66	514.68	44.69	975.62
22/05/2017 15:30	2 IU	0.0019	0.0001 IU	3.06	59.96	0	20.3	381.16	43.7	975.76
22/05/2017 16:30	1 IU	0.002	0.0002 IU	3.69	82.61	0	19.67	187.65	48.63	975.92
22/05/2017 17:30	1 IU	0.0025	0.0002 IU	4.17	100.02	0	17.89	7.77	59.61	976.73
22/05/2017 18:30	1 IU	0.0022	0.0001 IU	5.73	89.07	0	16.59	0	63.79	976.93
22/05/2017 19:30	3 IU	0.0019	0.0001 IU	5.85	90.3	0	15.65	0	66.84	977.09
22/05/2017 20:30	3 IU	0.0022	0.0001 IU	5.05	97.73	0	14.67	0	72.64	977.42
22/05/2017 21:30	3 IU	0.0025	0.0001 IU	3.34	64.54	0	13.89	0	79.02	977.46
22/05/2017 22:30	4 IU	0.0022	0.0001 IU	5.01	69.22	0	13.7	0	77.59	977.33
22/05/2017 23:30	1 IU	0.0021	0.0002 IU	6.16	66.89	0	13.63	0	74.86	977.13
23/05/2017 00:30	985 IU	0.0019	0.0003 IU	7.02	71.99	0	13.56	0	72.34	976.88
23/05/2017 01:30	985 IU	0.0018	0.0001 IU	8.15	78.29	0	13.57	0	70.18	976.42
23/05/2017 02:30	985 IU	0.0018	0.0001 IU	8.14	84.4	0	13.48	0	71.57	976.02
23/05/2017 03:30	985 IU	0.0017	0.0001 IU	8.41	88.26	0	12.84	0	78.87	975.85
23/05/2017 04:30	985 IU	0.0019	0.0001 IU	8.6	93.36	0	12.26	0	80.03	975.92
23/05/2017 05:30	985 IU	0.0018	0 IU	8.38	86.87	0	12.2	0	80.97	976.33
23/05/2017 06:30	985 IU	0.0017	0 IU	9.9	86.34	0	12.31	0	86.51	975.75
23/05/2017 07:30	985 IU	0.0017	0 IU	10.76	80.6	0	12.6	13.14	90.51	975.59
23/05/2017 08:30	985 IU	0.0017	0 IC	11.08	80.95	0	13.39	98.99	90.27	975.57
23/05/2017 09:30	985 IU	0.0017 IC	0 IC	10.5	79.44	0	14.15	142.38	89.05	975.5
23/05/2017 10:30	-4 IR	0.0023 IC	-0.0001 IR	9.91	58.97	0	15.21	172.83	85.18	975.51
23/05/2017 11:30	-4 IR	0.002	0.0025 IC	6.77	52.56	0	15.57	102.42	84.04	975.6
23/05/2017 12:30	985 IU	0.0018	0.0024	5.7	55.96	0	16.69	13		

28/05/2017 13:30	-2	IR	0.0012	0.0024	9	79,85	0,2	14,64	91,16	92,78	975,52
28/05/2017 14:30	4		0.0011	0.0024	9,94	77,98	0,2	14,78	176,77	93,52	974,32
28/05/2017 15:30	5		0.0012	0.0023	8,67	79,17	0	14,95	106,14	93,52	973,88
28/05/2017 16:30	1		0.0014	0.0024	7,43	73,87	0	15,03	49,9	94,13	973,68
28/05/2017 17:30	5		0.0014	0.0024	6,34	82,31	0	15,04	5,95	94,71	973,56
28/05/2017 18:30	8		0.0015	0.0024	4,51	85,1	0	15,05	0	95,59	973,75
28/05/2017 19:30	9		0.0021	0.0023	1,6	98,7	0	15,06	0	96	973,83
28/05/2017 20:30	7		0.0016	0.0023	0,59	193,03	0,2	14,93	0	96,52	973,94
28/05/2017 21:30	4		0.0015	0.0024	0,42	244,31	0	14,96	0	96,95	973,89
28/05/2017 22:30	6		0.0015	0.0023	1,53	229,11	0	14,93	0	97,2	973,76
28/05/2017 23:30	7		0.0015	0.0024	2,03	257,06	0,2	14,67	0	97,38	973,97
29/05/2017 00:30	6		0.0016	0.0024	2,8	287,95	0,2	14,27	0	97,67	973,85
29/05/2017 01:30	5		0.0014	0.0024	3,21	268,85	0,4	13,63	0	97,94	973,99
29/05/2017 02:30	7		0.0013	0.0024	3,15	244,08	0,2	13,43	0	98,11	973,96
29/05/2017 03:30	6		0.0014	0.0024	3,84	248,38	0,4	13,32	0	98,12	973,93
29/05/2017 04:30	4		0.0015	0.0024	4,16	245,68	1	13,03	0	98,18	974,02
29/05/2017 05:30	7		0.0014	0.0024	4,45	239,06	0,6	12,83	0	98,27	974,1
29/05/2017 06:30	7		0.0014	0.0023	4,34	236,59	0,8	12,71	0	98,3	974,82
29/05/2017 07:30	8		0.0014	0.0024	4,21	233,09	0,8	12,57	7,45	98,34	975,58
29/05/2017 08:30	6		0.0014	0.0023	5,22	227,81	0,6	12,49	70,43	98,36	976,37
29/05/2017 09:30	5		0.0014	0.0024	5,26	214,02	0,6	12,73	178,2	98,35	976,93
29/05/2017 10:30	7		0.0014	0.0024	5,17	199,94	0,4	13,16	270,16	98,25	977,72
29/05/2017 11:30	8		0.0013	0.0024	5,83	182,43	0,2	13,66	399,63	97,62	977,73
29/05/2017 12:30	9		0.0013	0.0023	5,44	176,04	0	14,17	415,12	94,18	977,52
29/05/2017 13:30	9		0.0014	0.0024	5,08	172,97	0,2	14,43	383,05	90,45	976,95
29/05/2017 14:30	7		0.0013	0.0024	5,72	160,4	0	14,76	395,26	87,56	976,89
29/05/2017 15:30	9		0.0013	0.0024	4,72	167,39	0	14,66	307,28	88,25	977,27
29/05/2017 16:30	7		0.0013	0.0023	5,17	162,55	0	14,32	101,67	88,95	977,64
29/05/2017 17:30	5		0.0016	0.0024	7,03	151,87	0	13,36	12,1	92,15	977,8
29/05/2017 18:30	8		0.0016	0.0023	7,91	152,4	0	12,71	0	94,68	978,34
29/05/2017 19:30	10		0.0017	0.0024	6,5	148,26	0	12,38	0	95,12	978,92
29/05/2017 20:30	10		0.0016	0.0024	5,19	139,72	0	12,17	0	96,23	979,25
29/05/2017 21:30	12		0.0016	0.0024	6,34	140,91	0,2	12,43	0	96	979,23
29/05/2017 22:30	12		0.0015	0.0023	4,77	140,86	0,2	12,4	0	95,6	979,47
29/05/2017 23:30	12		0.0014	0.0023	4,01	138,33	0	12,36	0	94,89	979,82
30/05/2017 00:30	12		0.0015	0.0024	3,81	140,71	0	12,23	0	94,93	980,02
30/05/2017 01:30	10		0.0015	0.0024	3,46	154,65	0	12,03	0	95,91	979,99
30/05/2017 02:30	10		0.0014	0.0023	4,61	152,53	0	11,74	0	96,09	979,65
30/05/2017 03:30	11		0.0014	0.0024	5,05	144,91	0	11,57	0	96,18	979,16
30/05/2017 04:30	10		0.0013	0.0024	4,75	148,85	0	11,45	0	96,77	978,97
30/05/2017 05:30	10		0.0013	0.0024	5,03	156,11	0	11,08	0	96,82	978,72
30/05/2017 06:30	8		0.0013	0.0023	6,74	145,46	0	10,59	0	97,99	978,68
30/05/2017 07:30	8		0.0013	0.0023	6,01	139,11	0	10,55	3,24	98,14	979,28
30/05/2017 08:30	11		0.0014	0.0023	5,15	127,54	0	10,78	42,81	96,47	979,86
30/05/2017 09:30	16		0.0014	0.0023	3,97	131,26	0	11,05	131,32	93,96	980,56
30/05/2017 10:30	11		0.0013	0.0023	5,31	142,33	0	11,96	332,41	90,85	980,66
30/05/2017 11:30	12		0.0013	0.0023	5,74	139,91	0	12,84	483,15	85,71	980,2
30/05/2017 12:30	8		0.0013	0.0024	6,22	135,94	0	13,39	475,63	81,92	979,42
30/05/2017 13:30	8		0.0014	0.0024	5,52	130,64	0	13,75	368,26	77,58	978,77
30/05/2017 14:30	10		0.0014	0.0024	6,07	140,54	0	13,54	185,14	78,29	978,07
30/05/2017 15:30	9		0.0014	0.0024	5,65	137,62	0	13,24	115,19	80,94	977,49
30/05/2017 16:30	18		0.0015	0.0024	4,84	140,57	0	12,61	43,81	85,5	977,6
30/05/2017 17:30	11		0.0015	0.0024	4,42	143,91	0	12,04	5,68	88,84	978,07
30/05/2017 18:30	17		0.0018	0.0024	4,15	141,54	0	11,6	0	90,88	978,62
30/05/2017 19:30	16		0.0017	0.0023	5,04	142,27	0	11,31	0	90,53	978,71
30/05/2017 20:30	16		0.0018	0.0024	6,26	145,11	0	10,83	0	91,49	978,61
30/05/2017 21:30	16		0.0014	0.0023	5,89	139,6	0	10,67	0	91,07	978,48
30/05/2017 22:30	16		0.0016	0.0023	4,98	138,38	0	10,4	0	90,43	978,35
30/05/2017 23:30	7		0.0015	0.0023	4,57	137,99	0	10,19	0	90,81	978,52
31/05/2017 00:30	8		0.0015	0.0023	5,83	144,06	0	9,99	0	92,27	978,11
31/05/2017 01:30	11		0.0015	0.0023	7,29	150,07	0	9,63	0	93,98	977,45
31/05/2017 02:30	15		0.0014	0.0023	8,97	139,22	0	9,72	0	94,83	977,15
31/05/2017 03:30	12		0.0014	0.0023	8,53	134,42	0	9,98	0	94,6	976,65
31/05/2017 04:30	12		0.0013	0.0023	8,18	134,13	0	9,82	0	93,32	976,02
31/05/2017 05:30	18		0.0012	0.0024	7,38	136,24	0	9,51	0	92,84	976,41
31/05/2017 06:30	17		0.0014	0.0023	8,42	139,58	0	9,18	0	92,22	976,16
31/05/2017 07:30	11		0.0014	0.0023	9,07	137,86	0	8,97	1,78	91,64	976,23
31/05/2017 08:30	17		0.0013	0.0023	8,45	136,65	0	9,31	42,75	89,9	976,09
31/05/2017 09:30	17		0.0014	0.0023	7,41	128,15	0	10,06	156	91,16	976,68
31/05/2017 10:30	15		0.0014	0.0023	8,67	133,33	0	11,55	479,97	87,01	977,06
31/05/2017 11:30	14		0.0013	0.0023	9,08	111,26	0	13,24	521,86	79,05	977,1
31/05/2017 12:30	16		0.0013	0.0024	9,8	107,73	0	13,94	587,29	71,56	976,41
31/05/2017 13:30	17		0.0014	0.0024	9,51	109,75	0	14,37	504,71	68,29	975,32
31/05/2017 14:30	11		0.0014	0.0024	9,47	114,22	0	14,64	424,83	66,97	974,62
31/05/2017 15:30	16		0.0014	0.0025	8,55	116,69	0	14,37	247,86	68,09	974,26
31/05/2017 16:30	18		0.0015	0.0024	8,33	118,34	0	13,8	97,95	74,51	974,21
31/05/2017 17:30	11		0.0015	0.0024	7,84	124,06	0	13,12	14,33	79,45	974,47
31/05/2017 18:30	985	IU	0.0017	0.0024	7,89	121,35	0	12,7	0	82,51	974,63
31/05/2017 19:30	985	IU	0.0018	0.0024	8,09	120,1	0	12,45	0	84,39	974,49
31/05/2017 20:30	12		0.0022	0.0025	7,46	120,54	0	12,37	0	85,13	974,48
31/05/2017 21:30	12		0.002	0.0024	7,11	121,02	0	12,22	0	85,25	974,66
31/05/2017 22:30	16		0.002	0.0025	7,51	114,6	0	12,31	0	82,41	974,18
31/05/2017 23:30	13		0.0017	0.0024	8,21	109,61	0	12,24	0	80,52	973,71