



CÔNG TY CP PHÁT TRIỂN KCN SÔNG MÂY

BÁO CÁO THÔNG SỐ TRẠM QUAN TRẮC TỰ ĐỘNG

Ngày	Giờ	Thông số (Theo QCVN 40:2011BTNMT)								
		COD(T1) mg/l	pH(T1)	TSS(T1) mg/l	NH4(T1) mg/l	NO3(T1) mg/l	TN(T1) mg/l	Temp(T1) oC	Flow out(T1) m3/h	Flow in(T1) m3/h
01/11/2024	00:00	18.94	6.91	8.35	0.87	10.06	10.93	30.3	69.99	106.8
01/11/2024	00:30	18.93	6.93	8.33	0.87	10.06	10.93	30.3	14.7	102.71
01/11/2024	01:00	18.9	6.95	8.67	0.87	10.06	10.93	30.3	5.87	100.63
01/11/2024	01:30	18.92	6.98	8.36	0.71	10.08	10.79	30.3	4.07	101.32
01/11/2024	02:00	18.85	6.99	8.03	0.71	10.08	10.79	30.2	3.53	100
01/11/2024	02:30	18.87	7.01	8.35	0.71	10.08	10.79	30.1	2.96	99.59
01/11/2024	03:00	18.86	7.02	8.36	0.71	10.08	10.79	30.1	2.01	99.72
01/11/2024	03:30	18.78	7.04	8.35	0.71	10.08	10.79	30.1	2.98	97.85
01/11/2024	04:00	18.78	7.05	8.36	0.71	10.08	10.79	30	2.69	97.34
01/11/2024	04:30	18.78	7.06	8.04	0.71	10.08	10.79	29.9	1.88	96.62
01/11/2024	05:00	18.78	7.07	8.67	0.71	10.08	10.79	29.9	0.79	96.89
01/11/2024	05:30	18.67	7.09	8.35	0.71	10.08	10.79	29.8	0.93	97.32
01/11/2024	06:00	18.65	7.1	8.36	0.71	10.08	10.79	29.9	60.61	97.97
01/11/2024	06:30	18.71	6.96	8.05	0.71	10.08	10.79	30	277.85	97.76
01/11/2024	07:00	18.67	7.02	7.83	0.71	10.08	10.79	30.1	217.34	96.09
01/11/2024	07:30	18.67	7	7.84	0.4	9.89	10.29	30.1	236.35	0
01/11/2024	08:00	20.23	7.05	7.83	0.4	9.89	10.29	30.2	243.27	0
01/11/2024	08:30	20.28	6.91	7.54	0.4	9.89	10.29	30.2	122.47	0
01/11/2024	09:00	20.28	6.9	7.52	0.4	9.89	10.29	30.3	122.66	0
01/11/2024	09:30	20.28	6.93	7.52	0.4	9.89	10.29	30.4	113.99	0
01/11/2024	10:00	20.28	7.03	7.86	0.4	9.89	10.29	30.5	48.64	0
01/11/2024	10:30	20.06	7.08	7.87	0.4	9.89	10.29	30.6	1.93	0
01/11/2024	11:00	20.11	7.11	7.55	0.4	9.89	10.29	30.7	0	0
01/11/2024	11:30	20.2	7.15	7.87	0.4	9.89	10.29	30.7	0	116.12
01/11/2024	12:00	20.17	7.17	7.54	0.4	9.89	10.29	31	0	111.19
01/11/2024	12:30	20.1	7.21	7.54	0.4	9.89	10.29	31	0	103.17
01/11/2024	13:00	20.1	7.25	7.52	0.4	9.89	10.29	31	0	101.71
01/11/2024	13:30	20.07	7.29	7.51	0.63	10.1	10.73	31	0	100.19
01/11/2024	14:00	20.19	7.31	7.52	0.63	10.1	10.73	31	0	100.72
01/11/2024	14:30	20.2	7.33	7.51	0.63	10.1	10.73	31	0	101.29
01/11/2024	15:00	20.09	7.37	7.49	0.63	10.1	10.73	31	0	100.87
01/11/2024	15:30	20.05	7.4	7.51	0.63	10.1	10.73	30.9	0	98.99
01/11/2024	16:00	20.05	7.42	7.51	0.63	10.1	10.73	30.8	0	98.11
01/11/2024	16:30	20.03	7.44	7.49	0.63	10.1	10.73	30.7	0	98.65
01/11/2024	17:00	20.05	7.45	7.49	0.63	10.1	10.73	30.6	0	0
01/11/2024	17:30	20	7.47	7.51	0.63	10.1	10.73	30.6	0	0
01/11/2024	18:00	20.07	7.47	7.52	0.63	10.1	10.73	30.5	0	0
01/11/2024	18:30	20.05	7.49	7.52	0.63	10.1	10.73	30.4	0	0
01/11/2024	19:00	20.05	7.52	7.52	0.63	10.1	10.73	30.3	0	0

01/11/2024	19:30	19.99	7.51	7.52	0.56	10.13	10.69	30.2	0	109.36
01/11/2024	20:00	20	7.41	7.51	0.56	10.13	10.69	30.2	182.93	106.67
01/11/2024	20:30	19.98	7.12	8.69	0.56	10.13	10.69	30.7	211.11	103.9
01/11/2024	21:00	20.62	6.99	8.71	0.56	10.13	10.69	30.8	163.04	102.39
01/11/2024	21:30	20.59	6.98	8.39	0.56	10.13	10.69	30.8	232.95	102.09
01/11/2024	22:00	20.63	6.91	8.05	0.56	10.13	10.69	30.8	133.81	101.62
01/11/2024	22:30	20.7	6.88	8.05	0.56	10.13	10.69	30.7	116.58	100.71
01/11/2024	23:00	20.8	6.88	8.05	0.56	10.13	10.69	30.7	114.5	0
01/11/2024	23:30	20.78	6.95	8.04	0.56	10.13	10.69	30.7	37.6	105.3
02/11/2024	00:00	20.8	6.99	8.04	0.56	10.13	10.69	30.7	9.41	102.95
02/11/2024	00:30	20.66	7.01	8.04	0.56	10.13	10.69	30.6	5.09	100.71
02/11/2024	01:00	20.69	7.04	8.04	0.56	10.13	10.69	30.5	2.74	100.09
02/11/2024	01:30	20.67	7.06	8.04	0.49	9.87	10.37	30.5	2.08	98.7
02/11/2024	02:00	20.7	7.08	8.04	0.49	9.87	10.37	30.5	2.06	98.11
02/11/2024	02:30	20.56	7.09	7.83	0.49	9.87	10.37	30.4	2.57	96.17
02/11/2024	03:00	20.56	7.11	7.83	0.49	9.87	10.37	30.3	2.35	97.29
02/11/2024	03:30	20.65	7.13	7.8	0.49	9.87	10.37	30.2	1.01	96.25
02/11/2024	04:00	20.6	7.14	7.81	0.49	9.87	10.37	30.2	0.59	97.93
02/11/2024	04:30	20.59	7.16	7.81	0.49	9.87	10.37	30.1	0.71	97.77
02/11/2024	05:00	20.56	7.18	7.83	0.49	9.87	10.37	30.1	0	97.16
02/11/2024	05:30	20.69	7.2	7.81	0.49	9.87	10.37	30	0	96.36
02/11/2024	06:00	20.59	7.21	7.83	0.49	9.87	10.37	29.9	0	95.18
02/11/2024	06:30	20.59	7.22	7.83	0.49	9.87	10.37	29.9	0	96.27
02/11/2024	07:00	20.59	7.23	7.84	0.49	9.87	10.37	29.9	0	0
02/11/2024	07:30	20.56	7.25	7.86	0.44	9.95	10.39	29.9	0	0
02/11/2024	08:00	20.73	7.25	7.84	0.44	9.95	10.39	29.8	42.17	115.36
02/11/2024	08:30	20.65	7.05	8.05	0.44	9.95	10.39	30.1	79.75	0
02/11/2024	09:00	20.66	6.99	7.86	0.44	9.95	10.39	30.3	266.66	0
02/11/2024	09:30	21.26	7.04	7.86	0.44	9.95	10.39	30.6	213.92	0
02/11/2024	10:00	21.27	6.99	7.54	0.44	9.95	10.39	30.7	179.68	0
02/11/2024	10:30	21.47	7	7.55	0.44	9.95	10.39	30.8	236.33	0
02/11/2024	11:00	21.33	6.92	7.55	0.44	9.95	10.39	31.1	133.57	0
02/11/2024	11:30	21.33	6.91	7.55	0.44	9.95	10.39	31	115.43	0
02/11/2024	12:00	21.33	6.94	7.51	0.44	9.95	10.39	31.1	70.36	109.7
02/11/2024	12:30	21.36	6.99	7.52	0.44	9.95	10.39	31	8.31	104.93
02/11/2024	13:00	21.27	7.02	7.52	0.44	9.95	10.39	31.1	1.67	103.28
02/11/2024	13:30	21.26	7.06	7.52	0.45	10.01	10.46	31.2	0.86	100.95
02/11/2024	14:00	21.26	7.1	7.52	0.45	10.01	10.46	31.1	0.34	101.67
02/11/2024	14:30	21.18	7.13	7.49	0.45	10.01	10.46	31.1	0	101.98
02/11/2024	15:00	21.38	7.16	7.51	0.45	10.01	10.46	31	0	100.24
02/11/2024	15:30	21.27	7.17	7.17	0.45	10.01	10.46	31	0	99.65
02/11/2024	16:00	21.29	7.18	7.51	0.45	10.01	10.46	31.1	44.19	99.5
02/11/2024	16:30	21.26	7.13	7.52	0.45	10.01	10.46	31.1	5.09	99.64
02/11/2024	17:00	21.26	7.15	7.49	0.45	10.01	10.46	31.1	2.86	100.36
02/11/2024	17:30	21.18	7.17	7.54	0.45	10.01	10.46	31	2.5	101.06
02/11/2024	18:00	21.3	7.18	7.51	0.45	10.01	10.46	30.8	185.69	101.24
02/11/2024	18:30	21.3	7.09	7.52	0.45	10.01	10.46	30.9	255.54	99.02
02/11/2024	19:00	19.67	6.93	8.07	0.45	10.01	10.46	31	167.17	97.2
02/11/2024	19:30	19.6	6.88	7.84	0.37	10.19	10.56	31	96.64	0
02/11/2024	20:00	19.57	6.88	7.86	0.37	10.19	10.56	30.9	92.9	0
02/11/2024	20:30	19.56	6.93	7.86	0.37	10.19	10.56	30.8	229.88	0
02/11/2024	21:00	19.57	6.94	7.83	0.37	10.19	10.56	30.8	134.62	0
02/11/2024	21:30	19.38	6.84	7.84	0.37	10.19	10.56	30.8	120.75	0
02/11/2024	22:00	19.39	6.86	7.84	0.37	10.19	10.56	30.8	26.23	0
02/11/2024	22:30	19.45	6.9	7.54	0.37	10.19	10.56	30.8	7.97	0

02/11/2024	23:00	19.45	6.93	7.52	0.37	10.19	10.56	30.6	3.67	0
02/11/2024	23:30	19.28	6.95	7.84	0.37	10.19	10.56	30.5	2.57	0
03/11/2024	00:00	19.27	6.97	7.49	0.37	10.19	10.56	30.5	2.53	0
03/11/2024	00:30	19.4	6.91	7.51	0.37	10.19	10.56	30.6	16.85	107.64
03/11/2024	01:00	19.3	6.93	7.49	0.37	10.19	10.56	30.6	7.24	104.11
03/11/2024	01:30	19.28	6.95	7.49	0.32	10.35	10.67	30.5	4.11	100.3
03/11/2024	02:00	19.08	6.97	7.49	0.32	10.35	10.67	30.3	2.4	98.38
03/11/2024	02:30	19.03	6.99	7.49	0.32	10.35	10.67	30.3	2.47	95.51
03/11/2024	03:00	19.18	7.01	7.48	0.32	10.35	10.67	30.3	1.93	96.29
03/11/2024	03:30	19.19	7.03	7.49	0.32	10.35	10.67	30.3	2.06	96.7
03/11/2024	04:00	19.21	7.05	7.49	0.32	10.35	10.67	30.1	1.86	94.56
03/11/2024	04:30	18.96	7.07	7.48	0.32	10.35	10.67	30.1	1.64	93.14
03/11/2024	05:00	19.11	7.08	7.48	0.32	10.35	10.67	30.1	0.13	89.63
03/11/2024	05:30	19.14	7.1	7.49	0.32	10.35	10.67	30	0	87.41
03/11/2024	06:00	19.15	7.11	7.49	0.32	10.35	10.67	30	0	85.21
03/11/2024	06:30	19	7.12	7.51	0.32	10.35	10.67	29.9	0	82.22
03/11/2024	07:00	19.02	7.07	7.52	0.32	10.35	10.67	29.9	92.21	81.46
03/11/2024	07:30	19.1	6.89	7.52	0.59	10.17	10.76	30.2	60.45	78.17
03/11/2024	08:00	19.15	6.91	7.49	0.59	10.17	10.76	30.2	258.35	78.76
03/11/2024	08:30	19.17	7.06	7.84	0.59	10.17	10.76	30.3	242.27	84.32
03/11/2024	09:00	20.56	6.93	7.52	0.59	10.17	10.76	30.4	141.31	0
03/11/2024	09:30	20.76	6.93	7.52	0.59	10.17	10.76	30.7	262.19	0
03/11/2024	10:00	20.76	6.84	7.52	0.59	10.17	10.76	30.8	149.52	0
03/11/2024	10:30	20.73	6.82	7.54	0.59	10.17	10.76	30.9	112.45	0
03/11/2024	11:00	20.73	6.84	7.2	0.59	10.17	10.76	31	103.02	0
03/11/2024	11:30	20.62	6.89	7.21	0.59	10.17	10.76	31.2	47.02	0
03/11/2024	12:00	20.66	6.94	7.55	0.59	10.17	10.76	31.5	3.35	0
03/11/2024	12:30	20.62	6.99	7.2	0.59	10.17	10.76	31.4	0.44	0
03/11/2024	13:00	20.63	7.02	7.23	0.59	10.17	10.76	31.4	0.08	0
03/11/2024	13:30	20.58	7.05	7.2	0.97	9.88	10.85	31.4	0	114.34
03/11/2024	14:00	20.56	7.08	7.2	0.97	9.88	10.85	31.4	0	109.75
03/11/2024	14:30	20.6	7.1	7.17	0.97	9.88	10.85	31.5	0	104.53
03/11/2024	15:00	20.65	7.12	7.17	0.97	9.88	10.85	31.4	0	101.85
03/11/2024	15:30	20.65	7.15	7.17	0.97	9.88	10.85	31.2	0	100.78
03/11/2024	16:00	20.52	7.18	7.19	0.97	9.88	10.85	31.1	0	100.33
03/11/2024	16:30	20.59	7.2	7.17	0.97	9.88	10.85	31	0	100.42
03/11/2024	17:00	20.66	7.22	7.17	0.97	9.88	10.85	30.9	0	100.48
03/11/2024	17:30	20.66	7.24	7.17	0.97	9.88	10.85	30.8	0	94.87
03/11/2024	18:00	20.67	7.27	7.2	0.97	9.88	10.85	30.7	0	93.28
03/11/2024	18:30	20.48	7.29	7.2	0.97	9.88	10.85	30.6	0	93.55
03/11/2024	19:00	20.55	7.29	7.2	0.97	9.88	10.85	30.5	0	94.27
03/11/2024	19:30	20.49	7.32	7.49	0.66	10.17	10.83	30.3	0	93.99
03/11/2024	20:00	20.51	7.33	7.52	0.66	10.17	10.83	30.3	0	0
03/11/2024	20:30	20.42	7.35	7.52	0.66	10.17	10.83	30.3	0	0
03/11/2024	21:00	20.43	7.36	7.52	0.66	10.17	10.83	30.3	0	0
03/11/2024	21:30	20.37	7.37	7.2	0.66	10.17	10.83	30.2	0	0
03/11/2024	22:00	20.51	7.37	7.51	0.66	10.17	10.83	30	0	0
03/11/2024	22:30	20.52	7.34	7.52	0.66	10.17	10.83	30.1	105.66	0
03/11/2024	23:00	20.34	7.24	8.72	0.66	10.17	10.83	30.8	165.58	0
03/11/2024	23:30	20.54	7.19	9.01	0.66	10.17	10.83	30.9	95	0
04/11/2024	00:00	20.39	7.18	8.68	0.66	10.17	10.83	30.8	239.78	0
04/11/2024	00:30	20.42	7.16	9.32	0.66	10.17	10.83	30.7	140.8	119
04/11/2024	01:00	20.41	7.05	9.33	0.66	10.17	10.83	30.8	115.78	108.7
04/11/2024	01:30	20.11	7.05	8.99	0.28	10.09	10.37	30.8	110.79	104.85
04/11/2024	02:00	20.34	7.11	9.33	0.28	10.09	10.37	30.8	19.48	101.22

04/11/2024	02:30	20.31	7.15	8.68	0.28	10.09	10.37	30.7	7.14	97.6
04/11/2024	03:00	20.33	7.17	8.35	0.28	10.09	10.37	30.5	3.04	94.25
04/11/2024	03:30	20.2	7.19	8.67	0.28	10.09	10.37	30.5	2.89	91.65
04/11/2024	04:00	20.19	7.21	8.35	0.28	10.09	10.37	30.5	2.86	89.48
04/11/2024	04:30	20.3	7.22	8.32	0.28	10.09	10.37	30.5	2.57	85.71
04/11/2024	05:00	20.56	7.24	8.03	0.28	10.09	10.37	30.3	2.08	81.08
04/11/2024	05:30	20.55	7.25	8.35	0.28	10.09	10.37	30.2	1.2	71.97
04/11/2024	06:00	20.35	7.26	8.37	0.28	10.09	10.37	30.2	1.03	0
04/11/2024	06:30	20.42	7.28	8.39	0.28	10.09	10.37	30.2	0	0
04/11/2024	07:00	20.42	7.29	8.05	0.28	10.09	10.37	30.1	39.65	78.63
04/11/2024	07:30	20.42	7.19	8.05	0.45	10.06	10.51	30.3	4.45	75.13
04/11/2024	08:00	20.41	7.21	8.36	0.45	10.06	10.51	30.2	0	78.3
04/11/2024	08:30	20.35	7.22	8.39	0.45	10.06	10.51	30.2	0	83.41
04/11/2024	09:00	20.3	7.15	8.36	0.45	10.06	10.51	30.4	229.07	85.05
04/11/2024	09:30	20.35	7.16	8.71	0.45	10.06	10.51	30.5	223.94	87.12
04/11/2024	10:00	20.35	7.09	7.86	0.45	10.06	10.51	30.8	123.01	85.08
04/11/2024	10:30	20.05	7.08	7.87	0.45	10.06	10.51	31.2	250.16	83.13
04/11/2024	11:00	20.05	7.05	7.88	0.45	10.06	10.51	31.1	142.83	85.3
04/11/2024	11:30	20.34	6.98	7.54	0.45	10.06	10.51	31.1	85.77	86.74
04/11/2024	12:00	20.31	6.98	7.54	0.45	10.06	10.51	31.1	107.39	89.09
04/11/2024	12:30	20.3	7.03	7.52	0.45	10.06	10.51	31	50.17	89.84
04/11/2024	13:00	19.98	7.09	7.51	0.45	10.06	10.51	30.9	7.5	88.93
04/11/2024	13:30	20.17	7.13	7.51	0.34	10.14	10.48	31	3.89	89.12
04/11/2024	14:00	19.89	7.15	7.52	0.34	10.14	10.48	31	2.23	91.72
04/11/2024	14:30	19.88	7.17	7.51	0.34	10.14	10.48	31	2.74	94.07
04/11/2024	15:00	19.88	7.18	7.51	0.34	10.14	10.48	30.9	1.55	95.76
04/11/2024	15:30	19.88	7.2	7.51	0.34	10.14	10.48	30.9	0.93	95.63
04/11/2024	16:00	20.05	7.23	7.51	0.34	10.14	10.48	30.9	1.27	98.13
04/11/2024	16:30	20.1	7.25	7.51	0.34	10.14	10.48	30.8	1.23	0
04/11/2024	17:00	20.09	7.27	7.49	0.34	10.14	10.48	30.7	1.76	0
04/11/2024	17:30	19.94	7.28	7.51	0.34	10.14	10.48	30.6	1.4	0
04/11/2024	18:00	19.92	7.31	7.54	0.34	10.14	10.48	30.5	0.37	0
04/11/2024	18:30	20.09	7.32	7.52	0.34	10.14	10.48	30.5	0.13	0
04/11/2024	19:00	20	7.27	7.54	0.34	10.14	10.48	30.6	72.37	108.7
04/11/2024	19:30	20	7.08	7.54	0.87	10	10.88	30.8	254.83	103.72
04/11/2024	20:00	18.72	7.17	8.39	0.87	10	10.88	30.6	208.54	103.09
04/11/2024	20:30	18.36	7.05	8.69	0.87	10	10.88	30.5	105.14	101.87
04/11/2024	21:00	18.4	7.03	8.69	0.87	10	10.88	30.6	94.29	99.76
04/11/2024	21:30	18.39	7.07	8.69	0.87	10	10.88	30.6	233.55	0
04/11/2024	22:00	18.42	7.03	8.07	0.87	10	10.88	30.6	120.79	0
04/11/2024	22:30	18.21	6.97	8.37	0.87	10	10.88	30.5	96.64	0
04/11/2024	23:00	18.29	6.96	8.36	0.87	10	10.88	30.4	84.47	109.33
04/11/2024	23:30	18.3	6.99	8.36	0.87	10	10.88	30.5	72.59	104.82
05/11/2024	00:00	18.3	7.02	8.35	0.87	10	10.88	30.5	25.1	101.23
05/11/2024	00:30	18.12	7.05	8.03	0.87	10	10.88	30.4	7.85	99.71
05/11/2024	01:00	18.12	7.07	8.03	0.87	10	10.88	30.3	4.19	98.26
05/11/2024	01:30	18.21	7.09	8.01	0.68	10	10.68	30.2	3.11	96.38
05/11/2024	02:00	18.18	7.11	8.03	0.68	10	10.68	30.2	2.18	95.84
05/11/2024	02:30	18.19	7.12	8.04	0.68	10	10.68	30.2	1.76	96.16
05/11/2024	03:00	17.97	7.14	7.81	0.68	10	10.68	30.2	2.47	96.41
05/11/2024	03:30	18.08	7.16	7.81	0.68	10	10.68	30.1	2.16	96.62
05/11/2024	04:00	18.18	7.17	8.03	0.68	10	10.68	29.9	0.81	95.99
05/11/2024	04:30	18.16	7.18	7.8	0.68	10	10.68	30	1.06	95.24
05/11/2024	05:00	18.18	7.2	7.8	0.68	10	10.68	29.9	0.44	94.3
05/11/2024	05:30	18.02	7.21	7.81	0.68	10	10.68	29.9	0	92.87

05/11/2024	06:00	18.05	7.22	7.81	0.68	10	10.68	29.8	0	92.59
05/11/2024	06:30	17.98	7.12	8.05	0.68	10	10.68	29.9	110.47	94.24
05/11/2024	07:00	17.98	7.04	8.05	0.68	10	10.68	30	237.7	0
05/11/2024	07:30	19.46	7.07	7.83	0.67	10.15	10.81	30.2	214.06	0
05/11/2024	08:00	19.46	7	7.51	0.67	10.15	10.81	30.2	173.6	0
05/11/2024	08:30	19.88	6.97	7.51	0.67	10.15	10.81	30.2	213.92	0
05/11/2024	09:00	19.81	6.95	7.83	0.67	10.15	10.81	30.3	101.74	0
05/11/2024	09:30	19.81	6.9	7.84	0.67	10.15	10.81	30.5	117.19	0
05/11/2024	10:00	19.68	6.96	7.86	0.67	10.15	10.81	30.6	101.11	0
05/11/2024	10:30	19.71	7.02	7.54	0.67	10.15	10.81	30.7	23.76	116.44
05/11/2024	11:00	19.75	7.04	7.52	0.67	10.15	10.81	30.8	3.45	110.1
05/11/2024	11:30	19.77	7.08	7.87	0.67	10.15	10.81	31.1	1.42	105.46
05/11/2024	12:00	19.77	7.12	7.86	0.67	10.15	10.81	30.9	0	102.47
05/11/2024	12:30	19.56	7.16	7.52	0.67	10.15	10.81	30.9	0	101.26
05/11/2024	13:00	19.73	7.19	7.52	0.67	10.15	10.81	30.9	0.01	102.75
05/11/2024	13:30	19.79	7.19	7.54	0.47	10.05	10.51	31	0	103.66
05/11/2024	14:00	19.81	7.23	7.52	0.47	10.05	10.51	31.2	0	101.84
05/11/2024	14:30	19.6	7.26	7.51	0.47	10.05	10.51	31	0	99.85
05/11/2024	15:00	19.6	7.29	7.49	0.47	10.05	10.51	30.9	0	99.63
05/11/2024	15:30	19.75	7.31	7.49	0.47	10.05	10.51	30.8	0	98.25
05/11/2024	16:00	19.73	7.32	7.52	0.47	10.05	10.51	30.7	0	102.74
05/11/2024	16:30	19.68	7.35	7.49	0.47	10.05	10.51	30.7	0	0
05/11/2024	17:00	19.6	7.36	7.49	0.47	10.05	10.51	30.6	0	0
05/11/2024	17:30	19.64	7.39	7.51	0.47	10.05	10.51	30.5	0	0
05/11/2024	18:00	19.63	7.4	7.51	0.47	10.05	10.51	30.4	0	0
05/11/2024	18:30	19.62	7.4	7.52	0.47	10.05	10.51	30.3	0	0
05/11/2024	19:00	19.6	7.41	7.51	0.47	10.05	10.51	30.2	0	0
05/11/2024	19:30	19.56	7.43	7.51	0.86	10.04	10.9	30.2	37.86	112.73
05/11/2024	20:00	19.56	7.11	7.52	0.86	10.04	10.9	30.7	246.38	107.28
05/11/2024	20:30	19.46	7.17	9.03	0.86	10.04	10.9	30.8	226.84	103.6
05/11/2024	21:00	19.43	7.03	8.05	0.86	10.04	10.9	30.8	225.41	0
05/11/2024	21:30	19.22	7.01	8.69	0.86	10.04	10.9	30.8	243.79	0
05/11/2024	22:00	19.21	6.91	9.03	0.86	10.04	10.9	30.9	130.54	0
05/11/2024	22:30	19.35	6.89	8.71	0.86	10.04	10.9	30.9	94.85	0
05/11/2024	23:00	19.36	6.9	8.69	0.86	10.04	10.9	30.9	93.88	0
05/11/2024	23:30	19.36	6.94	8.37	0.86	10.04	10.9	30.7	89.85	0
06/11/2024	00:00	19.11	6.99	8.68	0.86	10.04	10.9	30.7	16.04	108.91
06/11/2024	00:30	19.07	7.03	8.68	0.86	10.04	10.9	30.7	5.56	103.63
06/11/2024	01:00	19.21	7.06	8.67	0.86	10.04	10.9	30.7	3.42	101.29
06/11/2024	01:30	19.21	7.08	8.03	0.58	9.96	10.54	30.6	3.26	98.91
06/11/2024	02:00	19.22	7.09	8.03	0.58	9.96	10.54	30.5	2.96	96.79
06/11/2024	02:30	19	7.11	8.35	0.58	9.96	10.54	30.4	1.18	97.93
06/11/2024	03:00	19.08	7.13	8.35	0.58	9.96	10.54	30.4	1.11	99.09
06/11/2024	03:30	19.11	7.15	8.35	0.58	9.96	10.54	30.3	0.86	98.01
06/11/2024	04:00	19.11	7.16	8.03	0.58	9.96	10.54	30.3	0	96.84
06/11/2024	04:30	18.99	7.17	8.01	0.58	9.96	10.54	30.2	0	95.91
06/11/2024	05:00	19	7.18	8.33	0.58	9.96	10.54	30	0	94.37
06/11/2024	05:30	19.11	7.05	8.35	0.58	9.96	10.54	30.3	16.8	93.68
06/11/2024	06:00	19.06	7.04	8.35	0.58	9.96	10.54	30.4	5.63	92.21
06/11/2024	06:30	19.06	7.06	8.05	0.58	9.96	10.54	30.3	3.79	93.3
06/11/2024	07:00	19.06	7.07	8.04	0.58	9.96	10.54	30.2	3.62	0
06/11/2024	07:30	19.21	7.09	8.07	0.41	10.01	10.42	30.2	56.26	101.42
06/11/2024	08:00	19.07	7.05	8.07	0.41	10.01	10.42	30.3	165.14	0
06/11/2024	08:30	19.08	7.18	9.03	0.41	10.01	10.42	30.3	135.64	0
06/11/2024	09:00	19.07	7.14	8.68	0.41	10.01	10.42	30.5	127.31	0

06/11/2024	09:30	20.52	7.17	8.07	0.41	10.01	10.42	30.5	117.09	0
06/11/2024	10:00	20.62	7.15	8.71	0.41	10.01	10.42	30.9	228.63	0
06/11/2024	10:30	20.76	7.13	9.03	0.41	10.01	10.42	30.9	200.45	0
06/11/2024	11:00	20.76	6.99	8.72	0.41	10.01	10.42	31	72.49	0
06/11/2024	11:30	20.62	7	8.39	0.41	10.01	10.42	31.1	3.96	113.1
06/11/2024	12:00	20.62	7.02	8.05	0.41	10.01	10.42	31.2	0	107.29
06/11/2024	12:30	20.83	7.05	8.71	0.41	10.01	10.42	31.3	0	103.48
06/11/2024	13:00	20.78	7.09	8.36	0.41	10.01	10.42	31.2	0	102.38
06/11/2024	13:30	20.78	7.14	8.35	0.31	9.99	10.3	31.2	0	101.18
06/11/2024	14:00	20.63	7.17	8.01	0.31	9.99	10.3	31.2	0	100.73
06/11/2024	14:30	20.73	7.18	7.8	0.31	9.99	10.3	31.4	0	99.78
06/11/2024	15:00	20.69	7.23	8.36	0.31	9.99	10.3	31.4	0	100.11
06/11/2024	15:30	20.69	7.27	8.03	0.31	9.99	10.3	31.2	0	100.08
06/11/2024	16:00	20.67	7.3	8.04	0.31	9.99	10.3	31.1	0	101.44
06/11/2024	16:30	20.74	7.33	8.04	0.31	9.99	10.3	31	0	100.75
06/11/2024	17:00	20.7	7.34	7.81	0.31	9.99	10.3	30.9	0	100.93
06/11/2024	17:30	20.88	7.37	8.07	0.31	9.99	10.3	30.8	0	101.85
06/11/2024	18:00	20.88	7.39	8.39	0.31	9.99	10.3	30.7	0	104.09
06/11/2024	18:30	20.56	7.39	8.39	0.31	9.99	10.3	30.6	0	104.33
06/11/2024	19:00	20.55	7.41	8.37	0.31	9.99	10.3	30.2	0	110.06
06/11/2024	19:30	20.39	7.42	8.07	0.67	10.11	10.78	30	0	0
06/11/2024	20:00	20.1	7.41	8.71	0.67	10.11	10.78	29.8	0	0
06/11/2024	20:30	20.1	7.11	8.37	0.67	10.11	10.78	30.5	287.85	0
06/11/2024	21:00	20.02	6.87	10.2	0.67	10.11	10.78	30.9	226.07	0
06/11/2024	21:30	20.07	6.81	9.35	0.67	10.11	10.78	31	207.37	0
06/11/2024	22:00	19.92	6.82	8.36	0.67	10.11	10.78	30.9	114.92	0
06/11/2024	22:30	19.92	6.82	10.83	0.67	10.11	10.78	30.8	205.39	0
06/11/2024	23:00	19.92	6.79	10.21	0.67	10.11	10.78	30.9	79.43	0
06/11/2024	23:30	19.79	6.76	9.33	0.67	10.11	10.78	30.9	12.42	114.25
07/11/2024	00:00	19.96	6.79	8.68	0.67	10.11	10.78	30.8	0.95	110.91
07/11/2024	00:30	20.03	6.81	8.03	0.67	10.11	10.78	30.7	0	108.37
07/11/2024	01:00	20.06	6.83	8.68	0.67	10.11	10.78	30.5	0	106.65
07/11/2024	01:30	19.79	6.86	8.67	0.38	10.11	10.49	30.5	0	106.5
07/11/2024	02:00	19.79	6.88	8.36	0.38	10.11	10.49	30.5	0	105.76
07/11/2024	02:30	19.92	6.9	8.01	0.38	10.11	10.49	30.4	0	104.14
07/11/2024	03:00	19.88	6.91	7.8	0.38	10.11	10.49	30.2	0	103.48
07/11/2024	03:30	19.88	6.93	8.01	0.38	10.11	10.49	30.1	0	102.01
07/11/2024	04:00	19.63	6.94	8.03	0.38	10.11	10.49	30.1	0	101.33
07/11/2024	04:30	19.99	6.96	8.03	0.38	10.11	10.49	30.1	0	100.14
07/11/2024	05:00	20.02	6.98	7.8	0.38	10.11	10.49	30	0	99.72
07/11/2024	05:30	20.02	7	7.8	0.38	10.11	10.49	29.8	0	100.47
07/11/2024	06:00	20	7.01	7.81	0.38	10.11	10.49	29.7	0	100.44
07/11/2024	06:30	19.85	7.02	7.83	0.38	10.11	10.49	29.8	0	102.95
07/11/2024	07:00	20.14	6.8	7.84	0.38	10.11	10.49	30.2	80.27	104.58
07/11/2024	07:30	20.09	6.79	7.52	0.68	10.05	10.74	30.2	66.89	103.17
07/11/2024	08:00	20.09	6.8	7.84	0.68	10.05	10.74	30.2	260.82	0
07/11/2024	08:30	20.3	7.01	9.03	0.68	10.05	10.74	30.3	218.73	0
07/11/2024	09:00	20.3	7.01	8.72	0.68	10.05	10.74	30.5	204.34	0
07/11/2024	09:30	21.41	7.03	8.05	0.68	10.05	10.74	30.6	193.44	0
07/11/2024	10:00	21.41	7	7.86	0.68	10.05	10.74	30.7	139.26	0
07/11/2024	10:30	21.43	6.97	7.84	0.68	10.05	10.74	30.7	33.05	115.1
07/11/2024	11:00	21.37	6.97	8.05	0.68	10.05	10.74	31.1	0.5	107.44
07/11/2024	11:30	21.48	7	8.05	0.68	10.05	10.74	31	0	105.65
07/11/2024	12:00	21.68	7.03	8.05	0.68	10.05	10.74	30.9	0	105.72
07/11/2024	12:30	21.69	7.06	7.81	0.68	10.05	10.74	30.9	0	103.63

07/11/2024	13:00	21.68	7.08	7.81	0.68	10.05	10.74	30.9	0	104.04
07/11/2024	13:30	21.54	7.1	8.05	0.67	10.17	10.84	31	0	102.59
07/11/2024	14:00	21.52	7.14	7.81	0.67	10.17	10.84	30.9	0	101.56
07/11/2024	14:30	21.68	7.09	7.83	0.67	10.17	10.84	31	23.93	102.08
07/11/2024	15:00	21.66	7.05	7.81	0.67	10.17	10.84	31.1	28.09	102.15
07/11/2024	15:30	21.27	7.03	7.81	0.67	10.17	10.84	31	8.83	103.48
07/11/2024	16:00	21.29	7.05	8.05	0.67	10.17	10.84	31.1	1.06	104.26
07/11/2024	16:30	21.48	7.08	7.84	0.67	10.17	10.84	31	0	104.96
07/11/2024	17:00	21.3	7.11	7.81	0.67	10.17	10.84	30.9	0	106.34
07/11/2024	17:30	21.31	7.13	7.84	0.67	10.17	10.84	30.8	0	104.61
07/11/2024	18:00	21.25	7.15	7.52	0.67	10.17	10.84	30.6	0	0
07/11/2024	18:30	21.68	7.16	7.86	0.67	10.17	10.84	30.5	0	0
07/11/2024	19:00	21.54	7.19	7.84	0.67	10.17	10.84	30.5	0	0
07/11/2024	19:30	21.54	7.2	7.86	0.47	10.11	10.59	30.5	0	0
07/11/2024	20:00	21.52	7.22	7.84	0.47	10.11	10.59	30.4	192.73	0
07/11/2024	20:30	21.27	7.04	8.07	0.47	10.11	10.59	30.5	248.65	0
07/11/2024	21:00	20.24	7.04	9.89	0.47	10.11	10.59	30.5	259.13	0
07/11/2024	21:30	20.07	6.98	12.08	0.47	10.11	10.59	30.6	251.44	0
07/11/2024	22:00	20.09	6.93	11.39	0.47	10.11	10.59	30.6	140.57	0
07/11/2024	22:30	19.7	6.91	9.56	0.47	10.11	10.59	30.5	68.97	0
07/11/2024	23:00	19.71	6.92	8.37	0.47	10.11	10.59	30.4	47.46	108.46
07/11/2024	23:30	19.88	6.92	9.03	0.47	10.11	10.59	30.4	45.68	104.07
08/11/2024	00:00	20.07	6.93	8.68	0.47	10.11	10.59	30.4	44.85	98.88
08/11/2024	00:30	20.07	6.95	9	0.47	10.11	10.59	30.4	44.85	97.22
08/11/2024	01:00	19.84	6.97	8.01	0.47	10.11	10.59	30.4	10.39	97.39
08/11/2024	01:30	19.92	6.99	8.03	0.29	10.03	10.32	30.3	5.56	97.45
08/11/2024	02:00	20.09	7.01	8.36	0.29	10.03	10.32	30.2	2.33	97.72
08/11/2024	02:30	20.09	7.03	8.36	0.29	10.03	10.32	30.2	2.6	96.37
08/11/2024	03:00	20.07	7.05	8.03	0.29	10.03	10.32	30.2	2.53	96.85
08/11/2024	03:30	19.89	7.06	8.04	0.29	10.03	10.32	30.1	1.62	96.14
08/11/2024	04:00	20.05	7.07	7.8	0.29	10.03	10.32	30	0.52	95.72
08/11/2024	04:30	20.05	7.08	8.04	0.29	10.03	10.32	29.8	0	94.85
08/11/2024	05:00	20.05	7.1	8.03	0.29	10.03	10.32	29.9	0	95.2
08/11/2024	05:30	19.84	7.11	7.83	0.29	10.03	10.32	29.9	0	93.8
08/11/2024	06:00	19.84	7.12	8.04	0.29	10.03	10.32	29.8	0	94.59
08/11/2024	06:30	19.91	7.13	7.84	0.29	10.03	10.32	29.7	0	94.71
08/11/2024	07:00	20.06	7.13	7.86	0.29	10.03	10.32	29.7	18.8	0
08/11/2024	07:30	20.06	7.06	7.86	0.71	10.35	11.06	29.9	5.84	0
08/11/2024	08:00	20.28	6.94	8.39	0.71	10.35	11.06	30	109.44	0
08/11/2024	08:30	20.49	6.94	7.86	0.71	10.35	11.06	30	167.19	0
08/11/2024	09:00	20.63	7.14	8.07	0.71	10.35	11.06	30	202.19	0
08/11/2024	09:30	20.65	7.15	8.09	0.71	10.35	11.06	27.7	256.54	0
08/11/2024	10:00	20.65	7.08	8.08	0.71	10.35	11.06	30.5	200.77	0
08/11/2024	10:30	20.92	7.01	8.07	0.71	10.35	11.06	30.6	102.28	0
08/11/2024	11:00	21.03	6.99	7.87	0.71	10.35	11.06	30.6	101.04	0
08/11/2024	11:30	21.05	6.96	7.86	0.71	10.35	11.06	30.8	24.89	0
08/11/2024	12:00	21.06	7	7.87	0.71	10.35	11.06	30.9	0	115.27
08/11/2024	12:30	20.94	7.05	7.84	0.71	10.35	11.06	30.8	0	106.89
08/11/2024	13:00	20.94	7.09	7.86	0.71	10.35	11.06	30.8	0	102.47
08/11/2024	13:30	21.02	7.12	7.51	0.38	10.14	10.52	30.7	0	101.12
08/11/2024	14:00	20.98	7.13	7.52	0.38	10.14	10.52	30.7	0	101.08
08/11/2024	14:30	21.01	7.16	7.84	0.38	10.14	10.52	30.8	0	99.16
08/11/2024	15:00	20.84	7.19	7.83	0.38	10.14	10.52	30.7	0	98.62
08/11/2024	15:30	21.02	7.18	7.54	0.38	10.14	10.52	30.6	36.93	99.28
08/11/2024	16:00	20.83	7.11	7.51	0.38	10.14	10.52	30.7	65.04	99.27

08/11/2024	16:30	20.84	7.1	7.83	0.38	10.14	10.52	30.7	10.34	101.69
08/11/2024	17:00	20.84	7.12	7.83	0.38	10.14	10.52	30.7	4.28	0
08/11/2024	17:30	20.83	7.14	7.84	0.38	10.14	10.52	30.6	3.09	0
08/11/2024	18:00	20.87	7.16	7.86	0.38	10.14	10.52	30.6	2.2	0
08/11/2024	18:30	20.91	7.17	7.86	0.38	10.14	10.52	30.5	2.18	0
08/11/2024	19:00	20.91	7.17	7.54	0.38	10.14	10.52	30.4	2.11	0
08/11/2024	19:30	20.8	7.2	7.87	0.48	10.09	10.57	30.4	34.78	108.35
08/11/2024	20:00	20.8	7.11	7.86	0.48	10.09	10.57	30.5	253.73	104.72
08/11/2024	20:30	21.01	7.14	9.03	0.48	10.09	10.57	30.6	237.12	102.7
08/11/2024	21:00	21.22	7.04	8.71	0.48	10.09	10.57	30.6	136.77	101.34
08/11/2024	21:30	21.22	7.01	8.07	0.48	10.09	10.57	30.5	250.63	98.95
08/11/2024	22:00	21.4	7.04	8.08	0.48	10.09	10.57	30.4	214.22	98.81
08/11/2024	22:30	21.59	6.94	8.04	0.48	10.09	10.57	30.5	103.09	99.43
08/11/2024	23:00	21.57	6.91	8.05	0.48	10.09	10.57	30.5	94.75	0
08/11/2024	23:30	21.58	6.93	8.07	0.48	10.09	10.57	30.5	89.82	0
09/11/2024	00:00	21.57	6.96	7.81	0.48	10.09	10.57	30.4	85.03	0
09/11/2024	00:30	21.41	7	8.05	0.48	10.09	10.57	30.3	22.51	0
09/11/2024	01:00	21.5	7.02	8.04	0.48	10.09	10.57	30.3	6.04	106.91
09/11/2024	01:30	21.51	7.05	7.8	0.39	10.07	10.46	30.3	3.06	103.16
09/11/2024	02:00	21.52	7.07	8.03	0.39	10.07	10.46	30.2	2.86	100.54
09/11/2024	02:30	21.37	7.08	7.81	0.39	10.07	10.46	30.1	2.37	99.72
09/11/2024	03:00	21.37	7.1	7.81	0.39	10.07	10.46	30	1.88	98.59
09/11/2024	03:30	21.41	7.11	7.81	0.39	10.07	10.46	30	0.52	98.29
09/11/2024	04:00	21.46	7.13	7.81	0.39	10.07	10.46	30	0	100
09/11/2024	04:30	21.47	7.13	7.79	0.39	10.07	10.46	29.9	0	100.25
09/11/2024	05:00	21.36	7.15	7.79	0.39	10.07	10.46	29.8	0	99.19
09/11/2024	05:30	21.43	7.16	7.8	0.39	10.07	10.46	29.7	0	98.29
09/11/2024	06:00	21.33	7.17	7.81	0.39	10.07	10.46	29.7	0	97.29
09/11/2024	06:30	21.31	7.17	7.81	0.39	10.07	10.46	29.7	0	0
09/11/2024	07:00	21.31	7.19	7.83	0.39	10.07	10.46	29.7	0	0
09/11/2024	07:30	21.36	7.2	7.51	0.31	9.95	10.27	29.6	0	0
09/11/2024	08:00	21.5	7.21	7.84	0.31	9.95	10.27	29.6	0	112.92
09/11/2024	08:30	21.51	7.09	7.84	0.31	9.95	10.27	29.8	179.41	106.35
09/11/2024	09:00	21.52	7.15	8.37	0.31	9.95	10.27	30	248.4	102.72
09/11/2024	09:30	21.65	7.16	8.71	0.31	9.95	10.27	30.3	169.98	105.59
09/11/2024	10:00	21.63	7.14	8.07	0.31	9.95	10.27	30.5	249.21	103.5
09/11/2024	10:30	21.84	7.15	8.71	0.31	9.95	10.27	30.8	203.41	0
09/11/2024	11:00	21.89	7.04	8.08	0.31	9.95	10.27	30.8	93.58	0
09/11/2024	11:30	21.87	7.02	8.39	0.31	9.95	10.27	30.9	80.04	0
09/11/2024	12:00	21.91	7.04	8.08	0.31	9.95	10.27	30.9	95.68	113.62
09/11/2024	12:30	21.98	7.1	7.84	0.31	9.95	10.27	31	41.28	107.62
09/11/2024	13:00	21.86	7.14	8.39	0.31	9.95	10.27	31.3	4.89	103.36
09/11/2024	13:30	21.87	7.19	8.08	0.45	10.02	10.46	31.1	0.47	102.28
09/11/2024	14:00	21.89	7.22	8.05	0.45	10.02	10.46	31	0	101.83
09/11/2024	14:30	21.76	7.24	8.05	0.45	10.02	10.46	31	0.71	101.98
09/11/2024	15:00	21.94	7.25	7.49	0.45	10.02	10.46	30.9	0	99.49
09/11/2024	15:30	21.87	7.29	8.05	0.45	10.02	10.46	30.4	7.78	102.91
09/11/2024	16:00	21.87	7.31	7.84	0.45	10.02	10.46	30.6	4.63	108.08
09/11/2024	16:30	21.59	7.32	7.84	0.45	10.02	10.46	30.7	3.28	107.45
09/11/2024	17:00	21.59	7.32	7.83	0.45	10.02	10.46	30.6	3.6	0
09/11/2024	17:30	21.76	7.33	7.83	0.45	10.02	10.46	30.5	3.38	0
09/11/2024	18:00	21.84	7.34	7.83	0.45	10.02	10.46	30.4	1.93	0
09/11/2024	18:30	21.84	7.34	7.86	0.45	10.02	10.46	30.4	1.42	0
09/11/2024	19:00	21.69	7.35	7.84	0.45	10.02	10.46	30.4	0.64	0
09/11/2024	19:30	21.8	7.35	7.86	0.46	10.07	10.53	30.3	69.1	112.37

09/11/2024	20:00	21.65	7.22	7.52	0.46	10.07	10.53	30.4	268.71	107.19
09/11/2024	20:30	21.66	7.17	8.39	0.46	10.07	10.53	30.4	221.38	104.28
09/11/2024	21:00	21.68	7.05	7.86	0.46	10.07	10.53	30.5	111.54	102.85
09/11/2024	21:30	21.79	7.04	7.86	0.46	10.07	10.53	30.6	262.24	103.25
09/11/2024	22:00	21.93	7.04	7.84	0.46	10.07	10.53	30.6	187.13	0
09/11/2024	22:30	21.95	6.96	7.52	0.46	10.07	10.53	30.5	101.3	0
09/11/2024	23:00	21.97	6.94	7.84	0.46	10.07	10.53	30.4	93.31	0
09/11/2024	23:30	21.78	6.96	7.84	0.46	10.07	10.53	30.5	90.16	0
10/11/2024	00:00	21.79	7.01	7.8	0.46	10.07	10.53	30.5	15.38	108.09
10/11/2024	00:30	21.84	7.04	7.81	0.46	10.07	10.53	30.4	6.41	105.41
10/11/2024	01:00	21.79	7.06	7.49	0.46	10.07	10.53	30.3	4.6	104.06
10/11/2024	01:30	21.78	7.09	7.8	0.51	10.05	10.56	30.3	3.47	103.09
10/11/2024	02:00	21.65	7.1	7.81	0.51	10.05	10.56	30.3	3.35	102.11
10/11/2024	02:30	21.73	7.12	7.81	0.51	10.05	10.56	30.3	1.74	102.01
10/11/2024	03:00	21.72	7.13	7.48	0.51	10.05	10.56	30.2	2.06	101.77
10/11/2024	03:30	21.73	7.14	7.48	0.51	10.05	10.56	30.1	1.62	101.53
10/11/2024	04:00	21.72	7.15	7.48	0.51	10.05	10.56	30	0.55	100.86
10/11/2024	04:30	21.66	7.17	7.48	0.51	10.05	10.56	30	0	98.13
10/11/2024	05:00	21.73	7.18	7.47	0.51	10.05	10.56	30	0	94.88
10/11/2024	05:30	21.82	7.19	7.51	0.51	10.05	10.56	30	67.07	93.35
10/11/2024	06:00	21.8	7.05	7.49	0.51	10.05	10.56	30.1	14.77	92.34
10/11/2024	06:30	21.58	7.06	7.83	0.51	10.05	10.56	30	7.04	0
10/11/2024	07:00	21.58	7.07	7.51	0.51	10.05	10.56	30	3.84	0
10/11/2024	07:30	21.69	7.09	7.52	0.74	10	10.75	30.1	4.23	0
10/11/2024	08:00	21.72	7.11	7.52	0.74	10	10.75	30.1	3.79	105.54
10/11/2024	08:30	21.7	7.06	7.51	0.74	10	10.75	30.1	232.08	0
10/11/2024	09:00	21.63	7.1	7.51	0.74	10	10.75	30.1	237.68	0
10/11/2024	09:30	22.49	6.95	7.51	0.74	10	10.75	30.4	144.56	0
10/11/2024	10:00	22.33	6.93	7.52	0.74	10	10.75	30.5	275.53	0
10/11/2024	10:30	22.32	6.88	7.54	0.74	10	10.75	30.6	168.27	0
10/11/2024	11:00	22.32	6.84	7.21	0.74	10	10.75	30.6	115.65	0
10/11/2024	11:30	22.39	6.84	7.21	0.74	10	10.75	31	109.86	111.79
10/11/2024	12:00	22.36	6.92	7.51	0.74	10	10.75	30.8	12.56	105.13
10/11/2024	12:30	22.3	6.97	7.21	0.74	10	10.75	30.8	2.77	101.49
10/11/2024	13:00	22.28	7	7.2	0.74	10	10.75	30.8	0.83	97.57
10/11/2024	13:30	21.89	7.02	7.19	0.33	9.94	10.27	30.9	0.55	93.55
10/11/2024	14:00	21.87	7.04	7.49	0.33	9.94	10.27	31.1	0	90.84
10/11/2024	14:30	21.9	7.07	7.17	0.33	9.94	10.27	30.9	0	89.31
10/11/2024	15:00	21.83	7.1	7.17	0.33	9.94	10.27	30.9	62.43	80
10/11/2024	15:30	21.82	7.01	7.51	0.33	9.94	10.27	31	33.1	76.49
10/11/2024	16:00	21.68	7.03	7.16	0.33	9.94	10.27	31.1	5.16	69.26
10/11/2024	16:30	21.82	7.06	7.19	0.33	9.94	10.27	31.1	1.86	64.76
10/11/2024	17:00	21.91	7.09	7.17	0.33	9.94	10.27	31	1.15	0
10/11/2024	17:30	21.9	7.11	7.2	0.33	9.94	10.27	30.9	1.15	82.33
10/11/2024	18:00	21.91	7.12	7.2	0.33	9.94	10.27	30.8	1.93	80.43
10/11/2024	18:30	21.7	7.14	7.19	0.33	9.94	10.27	30.7	2.06	77.91
10/11/2024	19:00	21.82	7.15	7.2	0.33	9.94	10.27	30.6	1.37	74.29
10/11/2024	19:30	21.82	7.17	7.21	0.37	10.28	10.65	30.6	1.47	68.5
10/11/2024	20:00	21.8	7.18	7.2	0.37	10.28	10.65	30.6	0.27	65.37
10/11/2024	20:30	21.78	7.03	7.2	0.37	10.28	10.65	30.7	233.28	0
10/11/2024	21:00	21.75	7.05	7.52	0.37	10.28	10.65	30.6	243.98	74.76
10/11/2024	21:30	22.1	7.08	7.54	0.37	10.28	10.65	30.7	152.87	65.33
10/11/2024	22:00	22.57	7.04	7.52	0.37	10.28	10.65	30.8	223.01	0
10/11/2024	22:30	22.58	7.1	7.52	0.37	10.28	10.65	30.8	228.9	81.22
10/11/2024	23:00	22.4	6.98	7.52	0.37	10.28	10.65	30.8	98.62	0

10/11/2024	23:30	22.49	6.97	7.2	0.37	10.28	10.65	30.7	48.76	0
11/11/2024	00:00	22.51	6.97	7.49	0.37	10.28	10.65	30.6	23.42	0
11/11/2024	00:30	22.53	6.99	7.17	0.37	10.28	10.65	30.7	6.82	0
11/11/2024	01:00	22.5	7.02	7.16	0.37	10.28	10.65	30.6	3.16	0
11/11/2024	01:30	22.23	7.04	7.16	0.75	10.25	11	30.6	3.14	0
11/11/2024	02:00	22.43	7.05	7.16	0.75	10.25	11	30.4	2.91	0
11/11/2024	02:30	22.4	7.07	7.16	0.75	10.25	11	30.3	2.06	0
11/11/2024	03:00	22.39	7.09	7.17	0.75	10.25	11	30.4	2.06	0
11/11/2024	03:30	22.36	7.11	7.15	0.75	10.25	11	30.3	1.74	0
11/11/2024	04:00	22.38	7.12	7.16	0.75	10.25	11	30.3	2.18	0
11/11/2024	04:30	22.36	7.13	7.17	0.75	10.25	11	30.2	1.86	0
11/11/2024	05:00	22.29	7.15	7.15	0.75	10.25	11	30	1.44	0
11/11/2024	05:30	22.32	7.16	7.17	0.75	10.25	11	30.1	0.93	0
11/11/2024	06:00	22.26	7.17	7.16	0.75	10.25	11	30.1	59.37	105.07
11/11/2024	06:30	22.36	6.98	7.19	0.75	10.25	11	30.3	117.16	102.69
11/11/2024	07:00	22.32	6.96	7.19	0.75	10.25	11	30.3	32.82	99.34
11/11/2024	07:30	22.33	6.95	7.2	0.58	9.96	10.54	30.2	9.32	95.43
11/11/2024	08:00	22.33	6.98	7.2	0.58	9.96	10.54	30.2	4.84	96.63
11/11/2024	08:30	22.3	7	7.51	0.58	9.96	10.54	30.2	4.5	95.07
11/11/2024	09:00	22.38	7.02	7.2	0.58	9.96	10.54	30.2	2.77	92.43
11/11/2024	09:30	22.42	7.03	7.2	0.58	9.96	10.54	30.2	1.42	90.39
11/11/2024	10:00	22.4	7.05	7.2	0.58	9.96	10.54	30.4	0.69	91.67
11/11/2024	10:30	22.21	7.1	7.23	0.58	9.96	10.54	30.3	0	92.66
11/11/2024	11:00	22.21	7.13	7.21	0.58	9.96	10.54	30.4	0	94.37
11/11/2024	11:30	22.4	7.15	7.21	0.58	9.96	10.54	30.5	0	95.98
11/11/2024	12:00	22.54	7.16	7.23	0.58	9.96	10.54	30.7	0	94.75
11/11/2024	12:30	22.53	7.2	7.2	0.58	9.96	10.54	30.7	0	94.43
11/11/2024	13:00	22.44	7.23	7.21	0.58	9.96	10.54	30.6	0	96.25
11/11/2024	13:30	22.42	7.26	7.19	0.76	10.36	11.12	30.6	0	97.09
11/11/2024	14:00	22.4	7.23	7.49	0.76	10.36	11.12	30.6	70.22	0
11/11/2024	14:30	22.39	7.08	7.48	0.76	10.36	11.12	31.2	113.01	0
11/11/2024	15:00	22.4	7.09	7.49	0.76	10.36	11.12	31.3	115.99	0
11/11/2024	15:30	20.69	7.18	8.36	0.76	10.36	11.12	31.2	103.53	0
11/11/2024	16:00	18.7	7.13	8.65	0.76	10.36	11.12	31.2	105.75	0
11/11/2024	16:30	18.59	7.1	8.37	0.76	10.36	11.12	31.3	105.02	0
11/11/2024	17:00	18.59	7.09	8.36	0.76	10.36	11.12	31.3	102.92	0
11/11/2024	17:30	18.48	7.11	8.36	0.76	10.36	11.12	31.4	201.87	0
11/11/2024	18:00	18.46	7.09	8.04	0.76	10.36	11.12	31.3	116.67	0
11/11/2024	18:30	18.61	6.95	7.84	0.76	10.36	11.12	31.1	46.63	0
11/11/2024	19:00	18.64	6.95	7.83	0.76	10.36	11.12	31	3.45	0
11/11/2024	19:30	18.62	6.97	7.52	0.6	10.24	10.84	30.9	0	0
11/11/2024	20:00	18.48	7	7.86	0.6	10.24	10.84	30.8	0	0
11/11/2024	20:30	18.71	7.01	7.86	0.6	10.24	10.84	30.8	0	113.3
11/11/2024	21:00	18.57	7.03	7.83	0.6	10.24	10.84	30.8	0	0
11/11/2024	21:30	18.58	7.05	7.52	0.6	10.24	10.84	30.7	0	108.08
11/11/2024	22:00	18.58	7.07	7.83	0.6	10.24	10.84	30.5	0	104.88
11/11/2024	22:30	18.54	7.09	7.84	0.6	10.24	10.84	30.5	0	104.71
11/11/2024	23:00	18.68	7.1	7.51	0.6	10.24	10.84	30.5	0	103.76
11/11/2024	23:30	18.7	7.12	7.52	0.6	10.24	10.84	30.4	0	102.28
12/11/2024	00:00	18.68	7.13	7.49	0.6	10.24	10.84	30.4	39.47	102.97
12/11/2024	00:30	18.43	7.01	7.49	0.6	10.24	10.84	30.5	7.53	102.15
12/11/2024	01:00	18.44	7.03	7.8	0.6	10.24	10.84	30.5	0	102.31
12/11/2024	01:30	18.43	7.05	7.49	0.52	10.01	10.53	30.5	0	103.3
12/11/2024	02:00	18.5	7.07	7.49	0.52	10.01	10.53	30.4	0	102.71
12/11/2024	02:30	18.51	7.08	7.48	0.52	10.01	10.53	30.3	0	100.34

12/11/2024	03:00	18.34	7.09	7.49	0.52	10.01	10.53	30.2	0	101.22
12/11/2024	03:30	18.42	7.11	7.49	0.52	10.01	10.53	30.1	0	100.22
12/11/2024	04:00	18.44	7.12	7.48	0.52	10.01	10.53	30.1	0	100.19
12/11/2024	04:30	18.44	7.14	7.48	0.52	10.01	10.53	30.1	0	99.72
12/11/2024	05:00	18.46	7.16	7.49	0.52	10.01	10.53	30	0	99.45
12/11/2024	05:30	18.33	7.17	7.48	0.52	10.01	10.53	29.9	0	99.08
12/11/2024	06:00	18.53	7.18	7.51	0.52	10.01	10.53	29.8	0	99.01
12/11/2024	06:30	18.51	7.19	7.51	0.52	10.01	10.53	29.9	0	100.06
12/11/2024	07:00	18.51	7.21	7.51	0.52	10.01	10.53	29.9	0	0
12/11/2024	07:30	18.53	7.22	7.51	0.28	10.03	10.31	29.8	0	0
12/11/2024	08:00	18.53	7.06	7.51	0.28	10.03	10.31	30.1	113.55	0
12/11/2024	08:30	18.51	7.08	7.84	0.28	10.03	10.31	30.2	216.14	0
12/11/2024	09:00	18.59	7.19	8.71	0.28	10.03	10.31	30.4	251.51	0
12/11/2024	09:30	18.58	7.03	8.07	0.28	10.03	10.31	30.6	224.7	0
12/11/2024	10:00	18.82	6.96	7.86	0.28	10.03	10.31	30.6	158.86	0
12/11/2024	10:30	18.94	6.96	7.54	0.28	10.03	10.31	30.7	85.56	0
12/11/2024	11:00	18.94	6.95	7.87	0.28	10.03	10.31	31	103.94	115.06
12/11/2024	11:30	18.99	7	7.87	0.28	10.03	10.31	31	9.15	107.02
12/11/2024	12:00	18.96	7.04	7.86	0.28	10.03	10.31	30.9	0	109.51
12/11/2024	12:30	18.89	7.07	7.54	0.28	10.03	10.31	30.9	0	108.1
12/11/2024	13:00	18.89	7.09	7.54	0.28	10.03	10.31	30.9	0	106.78
12/11/2024	13:30	18.81	7.13	7.83	0.28	10.12	10.4	31	0	106.99
12/11/2024	14:00	18.81	7.16	7.83	0.28	10.12	10.4	31	0	106.58
12/11/2024	14:30	18.7	7.19	7.81	0.28	10.12	10.4	31	0	106.77
12/11/2024	15:00	18.7	7.22	7.49	0.28	10.12	10.4	30.9	0	106.56
12/11/2024	15:30	18.89	7.22	7.51	0.28	10.12	10.4	30.9	0	104.42
12/11/2024	16:00	18.87	7.26	7.49	0.28	10.12	10.4	30.8	0	102.41
12/11/2024	16:30	18.89	7.29	7.51	0.28	10.12	10.4	30.7	0	0
12/11/2024	17:00	18.81	7.32	7.49	0.28	10.12	10.4	30.7	0	0
12/11/2024	17:30	18.76	7.35	7.49	0.28	10.12	10.4	30.6	0	0
12/11/2024	18:00	18.7	7.34	7.52	0.28	10.12	10.4	30.5	0	0
12/11/2024	18:30	18.7	7.36	7.54	0.28	10.12	10.4	30.4	0	0
12/11/2024	19:00	18.68	7.38	7.51	0.28	10.12	10.4	30.4	0	116.25
12/11/2024	19:30	18.71	7.19	7.52	0.49	10.08	10.57	30.7	122.42	108.9
12/11/2024	20:00	18.82	7.12	7.86	0.49	10.08	10.57	30.9	255.42	106.99
12/11/2024	20:30	19.53	7.06	7.52	0.49	10.08	10.57	30.8	186.96	104.06
12/11/2024	21:00	19.51	6.99	7.51	0.49	10.08	10.57	30.8	99.23	0
12/11/2024	21:30	19.86	6.99	7.51	0.49	10.08	10.57	30.9	253.07	0
12/11/2024	22:00	19.86	7	7.51	0.49	10.08	10.57	30.9	170.25	0
12/11/2024	22:30	19.84	6.91	7.52	0.49	10.08	10.57	30.9	100.65	0
12/11/2024	23:00	19.99	6.9	7.52	0.49	10.08	10.57	30.8	96.59	0
12/11/2024	23:30	19.99	6.92	7.51	0.49	10.08	10.57	30.7	89.57	0
13/11/2024	00:00	19.81	6.97	7.49	0.49	10.08	10.57	30.8	16.43	110.97
13/11/2024	00:30	19.66	7.01	7.48	0.49	10.08	10.57	30.8	6.12	102.14
13/11/2024	01:00	19.7	7.03	7.49	0.49	10.08	10.57	30.7	4.94	101.14
13/11/2024	01:30	19.71	7.04	7.49	0.62	10.03	10.65	30.7	3.74	98.87
13/11/2024	02:00	19.71	7.06	7.51	0.62	10.03	10.65	30.6	2.74	96.62
13/11/2024	02:30	19.62	7.08	7.49	0.62	10.03	10.65	30.6	2.5	97.86
13/11/2024	03:00	19.64	7.09	7.51	0.62	10.03	10.65	30.6	3.09	97.86
13/11/2024	03:30	19.64	7.1	7.16	0.62	10.03	10.65	30.5	2.11	98.21
13/11/2024	04:00	19.63	7.12	7.17	0.62	10.03	10.65	30.4	1.64	98.88
13/11/2024	04:30	19.77	7.13	7.49	0.62	10.03	10.65	30.3	0.59	97.61
13/11/2024	05:00	19.74	7.14	7.48	0.62	10.03	10.65	30.3	0	95.41
13/11/2024	05:30	19.64	7.16	7.49	0.62	10.03	10.65	30.3	0	93.1
13/11/2024	06:00	19.73	7.17	7.19	0.62	10.03	10.65	30.2	0	93.05

13/11/2024	06:30	19.71	7.18	7.19	0.62	10.03	10.65	30.1	0	90.71
13/11/2024	07:00	19.64	7.1	7.51	0.62	10.03	10.65	30.3	33.66	89.13
13/11/2024	07:30	19.64	7.01	7.52	0.34	10.01	10.35	30.5	8.71	0
13/11/2024	08:00	19.6	7.02	7.2	0.34	10.01	10.35	30.5	31.7	0
13/11/2024	08:30	19.6	7.02	7.19	0.34	10.01	10.35	30.5	242.46	0
13/11/2024	09:00	19.62	7.14	7.52	0.34	10.01	10.35	30.3	227.56	119.88
13/11/2024	09:30	21.03	7.04	8.08	0.34	10.01	10.35	30.8	244.2	0
13/11/2024	10:00	21.9	6.98	8.08	0.34	10.01	10.35	30.8	218.32	0
13/11/2024	10:30	22.01	6.92	8.07	0.34	10.01	10.35	30.8	119.14	0
13/11/2024	11:00	22	6.92	8.08	0.34	10.01	10.35	30.8	45.56	116.07
13/11/2024	11:30	21.8	6.94	8.04	0.34	10.01	10.35	30.8	111.37	110.17
13/11/2024	12:00	21.82	6.97	8.05	0.34	10.01	10.35	31.1	47.63	103.95
13/11/2024	12:30	21.79	7.04	7.81	0.34	10.01	10.35	31	0	102.19
13/11/2024	13:00	21.73	7.07	8.05	0.34	10.01	10.35	31.1	0	102.4
13/11/2024	13:30	21.73	7.1	7.49	0.44	10.02	10.47	31	0	101.73
13/11/2024	14:00	21.79	7.12	7.81	0.44	10.02	10.47	31	0	103.81
13/11/2024	14:30	21.89	7.14	7.81	0.44	10.02	10.47	31.1	0	102.47
13/11/2024	15:00	21.93	7.17	7.81	0.44	10.02	10.47	31.1	0	99.82
13/11/2024	15:30	21.93	7.19	7.84	0.44	10.02	10.47	31	0	99.38
13/11/2024	16:00	21.91	7.21	7.48	0.44	10.02	10.47	30.9	0	100.13
13/11/2024	16:30	21.76	7.24	7.49	0.44	10.02	10.47	30.8	0	0
13/11/2024	17:00	21.97	7.26	7.83	0.44	10.02	10.47	30.8	0	0
13/11/2024	17:30	21.84	7.28	7.51	0.44	10.02	10.47	30.6	0	0
13/11/2024	18:00	21.86	7.31	7.52	0.44	10.02	10.47	30.6	0	0
13/11/2024	18:30	21.83	7.32	7.51	0.44	10.02	10.47	30.5	0	0
13/11/2024	19:00	21.83	7.33	7.86	0.44	10.02	10.47	30.4	0	107.23
13/11/2024	19:30	21.9	7.12	7.52	0.31	10.14	10.45	30.6	252.24	105.8
13/11/2024	20:00	21.89	7.12	8.37	0.31	10.14	10.45	30.9	201.24	103.77
13/11/2024	20:30	21.87	7.06	8.05	0.31	10.14	10.45	31	242.02	102.03
13/11/2024	21:00	22.39	7.08	8.08	0.31	10.14	10.45	30.9	242.39	0
13/11/2024	21:30	22.6	6.96	7.83	0.31	10.14	10.45	30.9	39.89	0
13/11/2024	22:00	22.58	6.93	8.05	0.31	10.14	10.45	30.8	98.01	0
13/11/2024	22:30	22.58	6.94	7.84	0.31	10.14	10.45	30.9	95.19	0
13/11/2024	23:00	22.58	6.99	7.83	0.31	10.14	10.45	30.8	89.87	0
13/11/2024	23:30	22.5	7.03	7.84	0.31	10.14	10.45	30.8	34.15	0
14/11/2024	00:00	22.54	7.05	7.49	0.31	10.14	10.45	30.7	9.93	108.04
14/11/2024	00:30	22.54	7.08	7.8	0.31	10.14	10.45	30.6	4.43	103.63
14/11/2024	01:00	22.53	7.1	7.8	0.31	10.14	10.45	30.6	3.26	101.31
14/11/2024	01:30	22.3	7.12	7.79	0.65	10.26	10.91	30.6	3.42	99.97
14/11/2024	02:00	22.32	7.13	7.81	0.65	10.26	10.91	30.5	2.79	100.63
14/11/2024	02:30	22.44	7.15	7.48	0.65	10.26	10.91	30.4	1.64	99.4
14/11/2024	03:00	22.43	7.16	7.8	0.65	10.26	10.91	30.3	2.42	98.48
14/11/2024	03:30	22.4	7.17	7.77	0.65	10.26	10.91	30.3	1.4	96.46
14/11/2024	04:00	22.26	7.18	7.45	0.65	10.26	10.91	30.3	0.64	96.99
14/11/2024	04:30	22.38	7.19	7.47	0.65	10.26	10.91	30.2	0	95.22
14/11/2024	05:00	22.51	7.2	7.47	0.65	10.26	10.91	30.1	0	93.6
14/11/2024	05:30	22.53	7.21	7.49	0.65	10.26	10.91	30	0	90.24
14/11/2024	06:00	22.51	7.22	7.51	0.65	10.26	10.91	30	0	90.52
14/11/2024	06:30	22.3	7.23	7.49	0.65	10.26	10.91	30	0	0
14/11/2024	07:00	22.49	7.24	7.51	0.65	10.26	10.91	30	0	0
14/11/2024	07:30	22.47	7.24	7.51	1	10.01	11.01	29.9	64.35	103.46
14/11/2024	08:00	22.46	7.09	7.83	1	10.01	11.01	30.2	272.99	105.52
14/11/2024	08:30	23.06	7.13	7.84	1	10.01	11.01	30.4	230.39	0
14/11/2024	09:00	23.06	7.03	7.51	1	10.01	11.01	30.6	254.88	0
14/11/2024	09:30	24.28	6.98	7.52	1.9	10.01	11.91	30.8	228.87	0

14/11/2024	10:00	19.71	6.6	7.55	1.81	10.08	11.9	30.9	47.44	112.65
14/11/2024	10:30	19.56	6.6	7.88	0.43	10.58	11.02	31.2	4.84	107.3
14/11/2024	11:00	19.75	6.65	7.9	0.29	10.7	10.99	31.2	0.59	105.84
14/11/2024	11:30	19.75	6.69	7.91	0.29	10.7	10.99	31.2	0	103.52
14/11/2024	12:00	19.77	6.71	7.58	0.29	10.7	10.99	31.2	0	102
14/11/2024	12:30	19.77	6.73	7.59	0.29	10.7	10.99	31.2	0	99.1
14/11/2024	13:00	19.56	6.76	7.58	0.29	10.7	10.99	31.4	0	57.25
14/11/2024	13:30	19.47	6.8	7.58	0.29	10.7	10.99	31.2	0	60.04
14/11/2024	14:00	19.63	6.83	7.58	0.29	10.7	10.99	31.1	0	60.5
14/11/2024	14:30	19.63	6.85	7.58	0.29	10.7	10.99	31	5.89	105.6
14/11/2024	15:00	19.63	6.8	7.56	0.29	10.7	10.99	31.2	34.2	103.95
14/11/2024	15:30	19.42	6.69	7.55	0.29	10.7	10.99	31.3	39.11	101.74
14/11/2024	16:00	19.5	6.67	7.87	0.29	10.7	10.99	31.3	38.98	101.34
14/11/2024	16:30	19.49	6.67	7.87	0.31	10.74	11.05	31.2	38.84	100.94
14/11/2024	17:00	19.49	6.68	7.54	0.31	10.74	11.05	31.1	8.78	102.67
14/11/2024	17:30	19.38	6.71	7.55	0.31	10.74	11.05	31	15.01	0
14/11/2024	18:00	19.53	6.69	7.87	0.31	10.74	11.05	30.9	186.55	0
14/11/2024	18:30	19.51	6.78	8.73	0.31	10.74	11.05	31	249.48	0
14/11/2024	19:00	19.24	6.77	9.03	0.31	10.74	11.05	31.2	166.26	0
14/11/2024	19:30	19.28	6.74	8.73	0.31	10.74	11.05	31.2	290.56	0
14/11/2024	20:00	19.78	6.7	8.39	0.31	10.74	11.05	31.1	198.69	0
14/11/2024	20:30	19.64	6.64	8.39	0.31	10.74	11.05	31.1	97.01	0
14/11/2024	21:00	19.78	6.64	8.39	0.31	10.74	11.05	31.1	92.48	0
14/11/2024	21:30	19.79	6.66	8.4	0.31	10.74	11.05	31.1	13.74	110.13
14/11/2024	22:00	19.78	6.68	8.09	0.31	10.74	11.05	31	5.7	105.87
14/11/2024	22:30	19.86	6.71	7.86	0.33	10.74	11.07	30.9	4.55	103.24
14/11/2024	23:00	19.98	6.73	8.07	0.33	10.74	11.07	30.8	3.04	102.32
14/11/2024	23:30	19.89	6.75	8.08	0.33	10.74	11.07	30.8	1.88	100.53
15/11/2024	00:00	19.89	6.76	8.08	0.33	10.74	11.07	30.8	2.23	98.75
15/11/2024	00:30	20.03	6.78	7.86	0.33	10.74	11.07	30.7	2.42	96.58
15/11/2024	01:00	19.78	6.8	7.84	0.33	10.74	11.07	30.6	1.86	97.26
15/11/2024	01:30	19.81	6.81	8.05	0.33	10.74	11.07	30.5	1.72	95.32
15/11/2024	02:00	20.03	6.82	8.07	0.33	10.74	11.07	30.6	28.97	94.98
15/11/2024	02:30	20.05	6.7	8.05	0.33	10.74	11.07	30.8	37.08	97.62
15/11/2024	03:00	19.6	6.7	8.07	0.33	10.74	11.07	30.7	38.67	97.55
15/11/2024	03:30	19.89	6.73	7.84	0.33	10.74	11.07	30.6	36.06	97.42
15/11/2024	04:00	19.91	6.74	8.07	0.33	10.74	11.07	30.6	8.36	95.85
15/11/2024	04:30	19.91	6.76	8.05	0.2	10.72	10.92	30.6	4.45	95.69
15/11/2024	05:00	19.92	6.79	8.07	0.2	10.72	10.92	30.6	3.72	0
15/11/2024	05:30	19.84	6.73	7.84	0.2	10.72	10.92	30.6	226.46	0
15/11/2024	06:00	19.68	6.77	8.07	0.2	10.72	10.92	30.5	244.37	0
15/11/2024	06:30	20.67	6.6	8.39	0.2	10.72	10.92	30.6	286.83	0
15/11/2024	07:00	20.67	6.6	8.07	0.2	10.72	10.92	30.7	242.64	0
15/11/2024	07:30	20.77	6.6	8.07	0.2	10.72	10.92	30.7	160.76	0
15/11/2024	08:00	20.94	6.6	7.84	0.2	10.72	10.92	30.7	52.87	113.81
15/11/2024	08:30	20.92	6.6	7.87	0.2	10.72	10.92	30.7	55.68	107.55
15/11/2024	09:00	20.94	6.6	9.57	0.2	10.72	10.92	30.7	104.43	102.53
15/11/2024	09:30	20.95	6.6	8.08	0.2	10.72	10.92	30.8	81.39	102.67
15/11/2024	10:00	20.83	6.6	8.39	0.2	10.72	10.92	30.8	48.68	102.66
15/11/2024	10:30	20.73	6.62	7.86	0.7	10.69	11.38	30.9	49.25	103.35
15/11/2024	11:00	20.71	6.99	7.54	0.7	10.69	11.38	28.8	43.36	102.76
15/11/2024	11:30	20.73	6.63	8.11	0.7	10.69	11.38	31.2	38.55	99.51
15/11/2024	12:00	20.73	6.64	7.88	0.7	10.69	11.38	31.2	37.6	98.8
15/11/2024	12:30	20.38	6.67	8.11	0.7	10.69	11.38	31.3	34.88	97.86
15/11/2024	13:00	20.73	6.68	8	0.7	10.69	11.38	31.3	0	98.38

15/11/2024	13:30	19.66	6.69	7.31	0.7	10.69	11.38	31.2	0	99.84
15/11/2024	14:00	19.68	6.71	7.15	0.7	10.69	11.38	31.4	0	99.1
15/11/2024	14:30	20.19	6.73	7.38	0.7	10.69	11.38	31.4	0	97.57
15/11/2024	15:00	20.26	6.76	7.2	0.7	10.69	11.38	31.3	0	98.81
15/11/2024	15:30	20.27	6.78	7.16	0.7	10.69	11.38	31.2	0	0
15/11/2024	16:00	20.3	6.8	7.2	0.7	10.69	11.38	31.1	0	0
15/11/2024	16:30	20.28	6.81	7.11	0.7	10.61	11.31	31	0	0
15/11/2024	17:00	20.49	6.82	28.86	0.7	10.61	11.31	31	67.04	0
15/11/2024	17:30	18.96	6.77	7.58	0.7	10.61	11.31	31.2	249.26	32.07
15/11/2024	18:00	19.7	6.7	19.05	0.7	10.61	11.31	31.2	252.58	0
15/11/2024	18:30	19.67	6.62	12.42	0.7	10.61	11.31	31.1	203.36	0
15/11/2024	19:00	19.67	6.6	9.59	0.7	10.61	11.31	31	84.79	0
15/11/2024	19:30	20.06	6.6	8.71	0.7	10.61	11.31	31	34.03	0
15/11/2024	20:00	20.2	6.6	8.4	0.7	10.61	11.31	31	3.62	111.18
15/11/2024	20:30	20.26	6.6	8.07	0.7	10.61	11.31	31	0.5	105.65
15/11/2024	21:00	20.27	6.6	7.84	0.7	10.61	11.31	30.8	0	104.53
15/11/2024	21:30	20.06	6.6	8.05	0.7	10.61	11.31	30.7	0	104.12
15/11/2024	22:00	20.26	6.6	8.07	0.7	10.61	11.31	30.7	13.74	101.77
15/11/2024	22:30	20.26	6.6	8.05	0.61	10.58	11.19	30.8	8.61	101.02
15/11/2024	23:00	20.19	6.6	7.86	0.61	10.58	11.19	30.8	1.11	99.49
15/11/2024	23:30	20.17	6.6	7.84	0.61	10.58	11.19	30.7	0	99.84
16/11/2024	00:00	20.14	6.6	8.05	0.61	10.58	11.19	30.5	0	99.9
16/11/2024	00:30	20.26	6.6	8.05	0.61	10.58	11.19	30.6	0	101.49
16/11/2024	01:00	20.23	6.6	7.86	0.61	10.58	11.19	30.6	0	102.42
16/11/2024	01:30	20.23	6.6	7.83	0.61	10.58	11.19	30.5	0	101.09
16/11/2024	02:00	20.23	6.6	7.83	0.61	10.58	11.19	30.4	33.51	99.99
16/11/2024	02:30	20.28	6.6	8.05	0.61	10.58	11.19	30.4	33.61	98.51
16/11/2024	03:00	20.17	6.6	8.07	0.61	10.58	11.19	30.6	8.22	95.82
16/11/2024	03:30	19.86	6.6	7.83	0.61	10.58	11.19	30.6	0.79	98.68
16/11/2024	04:00	19.86	6.6	7.86	0.61	10.58	11.19	30.5	0	99.1
16/11/2024	04:30	19.73	6.6	7.84	0.52	10.54	11.06	30.4	0	98.44
16/11/2024	05:00	20.07	6.6	7.84	0.52	10.54	11.06	30.2	0	0
16/11/2024	05:30	20.06	6.6	7.84	0.52	10.54	11.06	30.2	0	0
16/11/2024	06:00	20.2	6.6	7.86	0.52	10.54	11.06	30.3	235.23	0
16/11/2024	06:30	20.19	6.6	8.08	0.52	10.54	11.06	30.5	215.9	0
16/11/2024	07:00	20.65	6.6	8.08	0.52	10.54	11.06	30.5	201.92	0
16/11/2024	07:30	20.74	6.6	8.4	0.52	10.54	11.06	30.4	238.85	0
16/11/2024	08:00	21.02	6.6	8.4	0.52	10.54	11.06	30.6	151.85	0
16/11/2024	08:30	21.02	6.6	8.07	0.52	10.54	11.06	30.6	115.65	0
16/11/2024	09:00	21.01	6.6	7.84	0.52	10.54	11.06	30.7	108.95	0
16/11/2024	09:30	20.98	6.6	7.86	0.52	10.54	11.06	30.7	9.76	0
16/11/2024	10:00	21.01	6.6	7.86	0.52	10.54	11.06	30.7	16.48	114.49
16/11/2024	10:30	21.15	6.6	8.08	0.64	10.6	11.23	31	5.28	107.94
16/11/2024	11:00	21.15	6.6	8.09	0.64	10.6	11.23	31.2	0	104.98
16/11/2024	11:30	21.06	6.6	7.86	0.64	10.6	11.23	31.2	0	101.46
16/11/2024	12:00	21.02	6.62	8.09	0.64	10.6	11.23	31.2	0	99.1
16/11/2024	12:30	21.02	6.64	8.09	0.64	10.6	11.23	31.2	0	97.64
16/11/2024	13:00	21.2	6.65	7.87	0.64	10.6	11.23	31.2	0	97.58
16/11/2024	13:30	21.22	6.68	7.88	0.64	10.6	11.23	31.2	0	99.77
16/11/2024	14:00	20.31	6.7	7.87	0.64	10.6	11.23	31.2	0	98.52
16/11/2024	14:30	21.01	6.72	7.87	0.64	10.6	11.23	31.1	0	97.26
16/11/2024	15:00	21.14	6.73	7.88	0.64	10.6	11.23	31.1	0	96.62
16/11/2024	15:30	21.11	6.75	7.86	0.64	10.6	11.23	31.1	0	96.85
16/11/2024	16:00	21.09	6.77	7.87	0.64	10.6	11.23	31	0	98.89
16/11/2024	16:30	21.19	6.79	7.86	0.28	10.75	11.03	31	0	0

16/11/2024	17:00	20.99	6.79	7.87	0.28	10.75	11.03	30.9	0	0
16/11/2024	17:30	21.14	6.8	7.86	0.28	10.75	11.03	30.8	0	0
16/11/2024	18:00	21.12	6.81	7.86	0.28	10.75	11.03	30.7	0	0
16/11/2024	18:30	21.15	6.82	7.84	0.28	10.75	11.03	30.7	0	0
16/11/2024	19:00	21.09	6.84	7.87	0.28	10.75	11.03	30.6	0	0
16/11/2024	19:30	21.08	6.84	7.86	0.28	10.75	11.03	30.5	52.06	111.55
16/11/2024	20:00	21.15	6.68	7.86	0.28	10.75	11.03	30.9	247.08	104.73
16/11/2024	20:30	21.16	6.72	7.86	0.28	10.75	11.03	31.1	217.51	101.72
16/11/2024	21:00	20.37	6.65	7.52	0.28	10.75	11.03	31.3	114.33	0
16/11/2024	21:30	20.42	6.65	7.54	0.28	10.75	11.03	31.3	252.12	0
16/11/2024	22:00	20.31	6.61	7.54	0.28	10.75	11.03	31.2	158.42	0
16/11/2024	22:30	20.3	6.6	7.54	0.65	10.8	11.45	31.1	94.02	0
16/11/2024	23:00	20.33	6.6	7.55	0.65	10.8	11.45	31.2	90.43	0
16/11/2024	23:30	20.23	6.6	7.86	0.65	10.8	11.45	31.2	88.03	0
17/11/2024	00:00	20.19	6.62	7.54	0.65	10.8	11.45	31.1	17.97	106.13
17/11/2024	00:30	20.31	6.64	7.52	0.65	10.8	11.45	31	6.82	102.23
17/11/2024	01:00	20.33	6.67	7.84	0.65	10.8	11.45	30.8	3.45	100.75
17/11/2024	01:30	20.09	6.68	7.84	0.65	10.8	11.45	30.9	2.69	98.53
17/11/2024	02:00	20.23	6.7	7.84	0.65	10.8	11.45	30.8	1.6	98.24
17/11/2024	02:30	20.24	6.71	7.84	0.65	10.8	11.45	30.8	2.28	96.34
17/11/2024	03:00	20.23	6.73	7.51	0.65	10.8	11.45	30.6	1.98	95.81
17/11/2024	03:30	20.22	6.74	7.81	0.65	10.8	11.45	30.5	1.96	95.4
17/11/2024	04:00	20.3	6.75	7.83	0.65	10.8	11.45	30.5	1.5	94.24
17/11/2024	04:30	20.28	6.76	7.84	0.52	10.49	11.01	30.5	1.44	93.42
17/11/2024	05:00	20.3	6.77	7.51	0.52	10.49	11.01	30.4	1.52	92.35
17/11/2024	05:30	20.3	6.78	7.83	0.52	10.49	11.01	30.3	0.62	90.7
17/11/2024	06:00	20.31	6.75	7.84	0.52	10.49	11.01	30.3	34.71	86.7
17/11/2024	06:30	20.14	6.65	7.52	0.52	10.49	11.01	30.5	8.53	84.02
17/11/2024	07:00	20.14	6.66	7.52	0.52	10.49	11.01	30.6	53.5	83.77
17/11/2024	07:30	20.16	6.67	7.52	0.52	10.49	11.01	30.6	248.04	77.74
17/11/2024	08:00	20.16	6.91	7.52	0.52	10.49	11.01	30.5	237.48	78.86
17/11/2024	08:30	13.1	6.8	7.54	0.52	10.49	11.01	30.6	197.88	0
17/11/2024	09:00	12.55	6.78	7.54	0.52	10.49	11.01	30.8	245.13	0
17/11/2024	09:30	12.56	6.71	7.55	0.52	10.49	11.01	31	522.63	0
17/11/2024	10:00	12.39	6.7	7.55	0.52	10.49	11.01	31	116.24	0
17/11/2024	10:30	12.38	6.71	7.55	1.09	10.79	11.88	31	103.26	0
17/11/2024	11:00	12.17	6.76	7.56	1.09	10.79	11.88	31.1	70.97	0
17/11/2024	11:30	12.42	6.81	7.56	1.09	10.79	11.88	31.3	7.04	107.39
17/11/2024	12:00	12.43	6.84	7.55	1.09	10.79	11.88	31.3	1.32	102.07
17/11/2024	12:30	12.42	6.87	7.54	1.09	10.79	11.88	31.3	0.59	99.04
17/11/2024	13:00	12.45	6.89	7.56	1.09	10.79	11.88	31.2	0.08	96.68
17/11/2024	13:30	12.03	6.91	7.56	1.09	10.79	11.88	31.2	0.39	93.68
17/11/2024	14:00	12.49	6.93	7.55	1.09	10.79	11.88	31.3	0	92.84
17/11/2024	14:30	12.39	6.95	7.55	1.09	10.79	11.88	31.3	0	92.55
17/11/2024	15:00	12.39	6.97	7.54	1.09	10.79	11.88	31.2	0	90.75
17/11/2024	15:30	12.38	6.99	7.54	1.09	10.79	11.88	31.1	0.1	84.98
17/11/2024	16:00	12.42	7	7.54	1.09	10.79	11.88	31.1	0	76.69
17/11/2024	16:30	12.41	7.01	7.54	9.43	10.59	20.02	31	0	0
17/11/2024	17:00	12.35	7.03	7.54	9.43	10.59	20.02	31	0	0
17/11/2024	17:30	12.36	7.05	7.54	9.43	10.59	20.02	30.9	0	0
17/11/2024	18:00	12.39	7.06	7.52	9.43	10.59	20.02	30.8	0	0
17/11/2024	18:30	12.36	7.07	7.54	9.43	10.59	20.02	30.7	0	0
17/11/2024	19:00	12.34	7.08	7.54	9.43	10.59	20.02	30.7	0	105.13
17/11/2024	19:30	12.34	6.92	7.55	9.43	10.59	20.02	31	141.66	97.95
17/11/2024	20:00	12.35	6.88	7.54	9.43	10.59	20.02	31.1	247.23	95.16

17/11/2024	20:30	12.36	6.76	7.86	9.43	10.59	20.02	31.2	195.78	90.9
17/11/2024	21:00	18.51	6.67	8.39	9.43	10.59	20.02	31.2	245.28	87.61
17/11/2024	21:30	18.93	6.66	8.07	9.43	10.59	20.02	31.3	219.69	81.49
17/11/2024	22:00	18.93	6.6	8.08	9.43	10.59	20.02	31.3	110.42	72.18
17/11/2024	22:30	18.55	6.6	8.07	8.84	10.9	19.74	31.3	94.36	0
17/11/2024	23:00	18.97	6.6	7.87	8.84	10.9	19.74	31.2	89.36	0
17/11/2024	23:30	18.96	6.62	8.08	8.84	10.9	19.74	31	84.71	80.44
18/11/2024	00:00	18.87	6.67	8.09	8.84	10.9	19.74	31.1	16.67	70.61
18/11/2024	00:30	18.86	6.7	7.86	8.84	10.9	19.74	31.1	5.77	0
18/11/2024	01:00	18.72	6.72	8.08	8.84	10.9	19.74	31	4.19	0
18/11/2024	01:30	18.9	6.74	7.84	8.84	10.9	19.74	30.9	2.96	82.96
18/11/2024	02:00	18.71	6.76	8.05	8.84	10.9	19.74	30.8	1.74	69.17
18/11/2024	02:30	18.72	6.76	7.84	8.84	10.9	19.74	30.8	1.81	0
18/11/2024	03:00	18.72	6.78	7.84	8.84	10.9	19.74	30.8	2.35	80.46
18/11/2024	03:30	18.65	6.79	7.86	8.84	10.9	19.74	30.7	2.35	71.48
18/11/2024	04:00	18.27	6.8	7.51	8.84	10.9	19.74	30.6	1.86	0
18/11/2024	04:30	18.75	6.82	7.84	1.24	10.66	11.9	30.4	0.95	0
18/11/2024	05:00	18.76	6.83	7.84	1.24	10.66	11.9	30.4	1.3	79.21
18/11/2024	05:30	18.76	6.84	7.83	1.24	10.66	11.9	30.4	0.95	70.82
18/11/2024	06:00	18.76	6.85	7.84	1.24	10.66	11.9	30.4	1.18	0
18/11/2024	06:30	18.76	6.86	7.51	1.24	10.66	11.9	30.3	0	0
18/11/2024	07:00	18.82	6.87	7.83	1.24	10.66	11.9	30.1	0	80.6
18/11/2024	07:30	18.81	6.88	7.83	1.24	10.66	11.9	30.2	0	76.26
18/11/2024	08:00	18.81	6.87	7.84	1.24	10.66	11.9	30.3	9.76	69.79
18/11/2024	08:30	18.81	6.85	7.84	1.24	10.66	11.9	30.4	14.38	66.01
18/11/2024	09:00	18.68	6.72	7.84	1.24	10.66	11.9	30.6	258.81	65.39
18/11/2024	09:30	18.68	6.89	7.16	1.24	10.66	11.9	29	225.39	72.5
18/11/2024	10:00	18.7	6.88	8.08	1.24	10.66	11.9	31	155.37	81.73
18/11/2024	10:30	17.35	6.85	8.08	0.79	10.67	11.46	31.1	116.95	84.55
18/11/2024	11:00	17.65	6.86	7.87	0.79	10.67	11.46	31.3	115.04	89.96
18/11/2024	11:30	17.79	6.89	7.87	0.79	10.67	11.46	31.3	35.37	91.37
18/11/2024	12:00	17.79	6.94	8.09	0.79	10.67	11.46	31.4	3.3	96.57
18/11/2024	12:30	17.59	6.97	7.88	0.79	10.67	11.46	31.4	0.64	98.34
18/11/2024	13:00	17.7	7	7.87	0.79	10.67	11.46	31.4	0.3	99.14
18/11/2024	13:30	17.7	7.02	7.54	0.79	10.67	11.46	31.4	0	99.42
18/11/2024	14:00	17.63	7.04	7.88	0.79	10.67	11.46	31.3	0	99.59
18/11/2024	14:30	17.63	7.06	7.86	0.79	10.67	11.46	31.3	0	99.05
18/11/2024	15:00	17.65	7.07	7.86	0.79	10.67	11.46	31.3	0	97.9
18/11/2024	15:30	17.66	7.09	7.84	0.79	10.67	11.46	31.3	0	99.45
18/11/2024	16:00	17.69	7.11	7.54	0.79	10.67	11.46	31.2	0	100.07
18/11/2024	16:30	17.69	7.12	7.86	0.98	10.66	11.64	31.1	0	101.13
18/11/2024	17:00	17.72	7.13	7.58	0.98	10.66	11.64	31	0	102.83
18/11/2024	17:30	17.7	7.15	7.56	0.98	10.66	11.64	30.9	0	102.15
18/11/2024	18:00	17.69	7	7.87	0.98	10.66	11.64	31.4	44.53	105.23
18/11/2024	18:30	17.66	6.97	7.55	0.98	10.66	11.64	31.4	49.69	105.55
18/11/2024	19:00	17.67	6.96	7.56	0.98	10.66	11.64	31.3	49.37	103.31
18/11/2024	19:30	17.51	6.96	7.86	0.98	10.66	11.64	31.2	46.07	100.37
18/11/2024	20:00	17.69	6.96	7.54	0.98	10.66	11.64	31.3	43.78	100.67
18/11/2024	20:30	17.69	7	7.54	0.98	10.66	11.64	31.3	46.56	0
18/11/2024	21:00	17.84	7.03	7.88	0.98	10.66	11.64	31.3	45.97	0
18/11/2024	21:30	17.84	6.96	7.67	0.98	10.66	11.64	31.1	0.95	0
18/11/2024	22:00	15.42	6.96	7.31	0.98	10.66	11.64	30.6	1.67	0
18/11/2024	22:30	15.77	6.96	7.16	0.36	10.54	10.91	30.2	1.37	0
18/11/2024	23:00	16.04	6.97	7.18	0.36	10.54	10.91	29.7	167.1	0
18/11/2024	23:30	16.07	6.98	7.18	0.36	10.54	10.91	29.3	137.52	0

19/11/2024	00:00	16.06	6.99	7.13	0.36	10.54	10.91	29	247.4	0
19/11/2024	00:30	16.34	6.99	7.54	0.36	10.54	10.91	28.6	135.2	0
19/11/2024	01:00	16.58	7.03	7.28	0.36	10.54	10.91	28.3	115.29	0
19/11/2024	01:30	16.74	6.98	7.14	0.36	10.54	10.91	28.6	46.9	107.03
19/11/2024	02:00	16.75	6.89	7.26	0.36	10.54	10.91	29.1	10.76	103.08
19/11/2024	02:30	16.96	6.85	7.15	0.36	10.54	10.91	29.4	6.07	101.79
19/11/2024	03:00	16.83	6.84	7.68	0.36	10.54	10.91	29.5	3.72	101.65
19/11/2024	03:30	16.81	6.84	7.11	0.36	10.54	10.91	29.8	2.69	98.97
19/11/2024	04:00	17.1	6.83	25.76	0.36	10.54	10.91	30	2.04	100.16
19/11/2024	04:30	17.09	6.83	18.17	0.67	10.73	11.39	30.1	2.77	98.14
19/11/2024	05:00	17.54	6.84	16.65	0.67	10.73	11.39	30	2.91	100.04
19/11/2024	05:30	17.67	6.85	15.99	0.67	10.73	11.39	30	2.28	99.44
19/11/2024	06:00	17.67	6.83	11.4	0.67	10.73	11.39	30.1	2.08	97.81
19/11/2024	06:30	17.67	6.84	9.04	0.67	10.73	11.39	30.2	0.39	100.25
19/11/2024	07:00	17.66	6.84	9.03	0.67	10.73	11.39	30.1	81.22	100.83
19/11/2024	07:30	17.63	6.83	8.71	0.67	10.73	11.39	30.2	52.33	99.67
19/11/2024	08:00	17.63	6.81	9.35	0.67	10.73	11.39	30.2	51.52	97.99
19/11/2024	08:30	17.63	6.81	9.04	0.67	10.73	11.39	30.3	0.47	95.7
19/11/2024	09:00	17.65	6.82	8.4	0.67	10.73	11.39	30.4	0	98.05
19/11/2024	09:30	17.52	6.83	8.4	0.67	10.73	11.39	30.5	0	0
19/11/2024	10:00	17.63	6.85	8.72	0.67	10.73	11.39	30.5	0	0
19/11/2024	10:30	17.61	6.86	8.72	0.49	10.78	11.27	30.6	0	0
19/11/2024	11:00	17.73	6.86	8.41	0.49	10.78	11.27	30.8	215.29	0
19/11/2024	11:30	17.73	6.77	9.92	0.49	10.78	11.27	31.4	187.45	0
19/11/2024	12:00	18.23	6.69	8.41	0.49	10.78	11.27	31.5	130.75	0
19/11/2024	12:30	18.7	6.68	9.39	0.49	10.78	11.27	31.4	223.48	0
19/11/2024	13:00	18.86	6.65	9.6	0.49	10.78	11.27	31.5	112.08	0
19/11/2024	13:30	18.86	6.6	9.38	0.49	10.78	11.27	31.6	16.85	121.79
19/11/2024	14:00	18.86	6.62	8.73	0.49	10.78	11.27	31.6	2.18	118.51
19/11/2024	14:30	18.7	6.64	8.72	0.49	10.78	11.27	31.6	48.88	116.06
19/11/2024	15:00	18.81	6.6	8.72	0.49	10.78	11.27	31.5	79.7	115.25
19/11/2024	15:30	18.79	6.6	8.72	0.49	10.78	11.27	31.6	46.95	112.24
19/11/2024	16:00	18.79	6.62	8.4	0.49	10.78	11.27	31.6	5.58	111.36
19/11/2024	16:30	18.64	6.65	8.4	0.36	10.78	11.15	31.6	522.61	111.77
19/11/2024	17:00	18.81	6.67	8.09	0.36	10.78	11.15	31.5	522.63	112.88
19/11/2024	17:30	18.79	6.69	7.88	0.36	10.78	11.15	31.3	522.68	112.46
19/11/2024	18:00	18.61	6.7	8.4	0.36	10.78	11.15	31.2	2.13	113.05
19/11/2024	18:30	18.61	6.71	8.41	0.36	10.78	11.15	31.2	1.69	112.48
19/11/2024	19:00	18.62	6.73	8.07	0.36	10.78	11.15	31.2	1.72	112.41
19/11/2024	19:30	18.68	6.74	8.07	0.36	10.78	11.15	31.1	1.72	113.14
19/11/2024	20:00	18.81	6.75	8.08	0.36	10.78	11.15	31	1.6	114.15
19/11/2024	20:30	18.81	6.76	8.08	0.36	10.78	11.15	30.8	1.32	0
19/11/2024	21:00	18.81	6.77	8.07	0.36	10.78	11.15	30.9	1.64	0
19/11/2024	21:30	18.65	6.78	8.07	0.36	10.78	11.15	30.8	1.47	0
19/11/2024	22:00	18.68	6.75	8.41	0.36	10.78	11.15	30.9	236.5	0
19/11/2024	22:30	18.75	6.66	8.08	0.63	10.85	11.48	31	215.88	0
19/11/2024	23:00	18.74	6.71	9.89	0.63	10.85	11.48	30.9	242.15	0
19/11/2024	23:30	19.88	6.7	9.6	0.63	10.85	11.48	31	221.69	0
20/11/2024	00:00	20.1	6.65	9.35	0.63	10.85	11.48	31.1	150.31	0
20/11/2024	00:30	20.11	6.62	8.71	0.63	10.85	11.48	31	86.71	0
20/11/2024	01:00	20.14	6.62	8.71	0.63	10.85	11.48	30.9	91.87	0
20/11/2024	01:30	20.11	6.63	8.71	0.63	10.85	11.48	30.8	65.28	0
20/11/2024	02:00	19.99	6.64	9.03	0.63	10.85	11.48	30.9	10.29	0
20/11/2024	02:30	20	6.67	9.03	0.63	10.85	11.48	30.9	1.3	0
20/11/2024	03:00	20.09	6.69	8.72	0.63	10.85	11.48	30.8	1.37	0

20/11/2024	03:30	20.09	6.7	8.72	0.63	10.85	11.48	30.7	1.62	0
20/11/2024	04:00	20.07	6.72	9.04	0.63	10.85	11.48	30.5	0.42	123.07
20/11/2024	04:30	19.88	6.73	8.71	0.67	10.81	11.49	30.5	0.74	118.45
20/11/2024	05:00	20.13	6.74	8.71	0.67	10.81	11.49	30.5	0	116.91
20/11/2024	05:30	20.06	6.76	8.73	0.67	10.81	11.49	30.4	1.15	114.25
20/11/2024	06:00	20.03	6.77	8.37	0.67	10.81	11.49	30.4	0.91	0
20/11/2024	06:30	19.92	6.78	8.69	0.67	10.81	11.49	30.2	0.01	0
20/11/2024	07:00	20.06	6.72	8.72	0.67	10.81	11.49	30.5	15.13	0
20/11/2024	07:30	20.07	6.71	8.72	0.67	10.81	11.49	30.6	2.08	0
20/11/2024	08:00	19.79	6.73	8.39	0.67	10.81	11.49	30.5	2.55	0
20/11/2024	08:30	19.81	6.75	8.39	0.67	10.81	11.49	30.4	1.32	-39.11
20/11/2024	09:00	19.86	6.77	8.72	0.67	10.81	11.49	30.4	0	0
20/11/2024	09:30	19.95	6.77	8.73	0.67	10.81	11.49	30.5	0	35.05
20/11/2024	10:00	19.98	6.8	8.4	0.67	10.81	11.49	30.6	0	0
20/11/2024	10:30	19.98	6.83	8.41	0.75	10.79	11.54	30.6	0	0
20/11/2024	11:00	19.98	6.85	8.09	0.75	10.79	11.54	30.6	0	130.44
20/11/2024	11:30	19.81	6.86	8.75	0.75	10.79	11.54	30.6	0	121.6
20/11/2024	12:00	20.09	6.89	8.73	0.75	10.79	11.54	30.7	0	119.34
20/11/2024	12:30	19.92	6.91	8.43	0.75	10.79	11.54	30.8	0	112.74
20/11/2024	13:00	19.94	6.93	8.11	0.75	10.79	11.54	30.7	107.07	111.32
20/11/2024	13:30	19.79	6.81	8.11	0.75	10.79	11.54	30.8	214.41	112.48
20/11/2024	14:00	19.53	6.71	9.07	0.75	10.79	11.54	31.3	147.1	114.65
20/11/2024	14:30	19.54	6.63	8.72	0.75	10.79	11.54	31.5	262.68	0
20/11/2024	15:00	19.4	6.6	8.4	0.75	10.79	11.54	31.6	177.31	0
20/11/2024	15:30	19.4	6.6	8.08	0.75	10.79	11.54	31.5	80.6	87.06
20/11/2024	16:00	19.38	6.6	7.88	0.75	10.79	11.54	31.4	76.03	0
20/11/2024	16:30	19.49	6.6	8.08	0.72	10.69	11.41	31.3	82.73	0
20/11/2024	17:00	19.56	6.6	8.08	0.72	10.69	11.41	31.3	21.37	0
20/11/2024	17:30	19.56	6.6	8.09	0.72	10.69	11.41	31.3	5.75	0
20/11/2024	18:00	19.57	6.6	8.09	0.72	10.69	11.41	31.2	4.26	0
20/11/2024	18:30	19.24	6.62	7.86	0.72	10.69	11.41	30.9	2.28	0
20/11/2024	19:00	19.28	6.65	8.09	0.72	10.69	11.41	30.7	2.89	0
20/11/2024	19:30	19.34	6.66	8.08	0.72	10.69	11.41	30.9	3.65	105.73
20/11/2024	20:00	19.34	6.66	8.08	0.72	10.69	11.41	31	72.44	97.08
20/11/2024	20:30	18.92	6.63	8.07	0.72	10.69	11.41	31	26.89	94.91
20/11/2024	21:00	18.99	6.66	7.86	0.72	10.69	11.41	30.9	7.95	93.65
20/11/2024	21:30	18.99	6.69	8.07	0.72	10.69	11.41	30.7	5.36	90.89
20/11/2024	22:00	18.96	6.71	8.09	0.72	10.69	11.41	30.8	3.79	90.34
20/11/2024	22:30	18.96	6.72	7.87	0.89	10.54	11.43	30.8	3.33	90.06
20/11/2024	23:00	18.89	6.74	7.86	0.89	10.54	11.43	30.7	3.89	89.51
20/11/2024	23:30	18.92	6.75	7.86	0.89	10.54	11.43	30.6	3.21	0
21/11/2024	00:00	18.93	6.76	8.08	0.89	10.54	11.43	30.5	2.3	0
21/11/2024	00:30	18.93	6.77	8.07	0.89	10.54	11.43	30.5	2.35	0
21/11/2024	01:00	18.93	6.78	7.86	0.89	10.54	11.43	30.5	2.53	0
21/11/2024	01:30	18.83	6.78	7.87	0.89	10.54	11.43	30.5	2.74	0
21/11/2024	02:00	18.85	6.8	7.86	0.89	10.54	11.43	30.3	2.16	0
21/11/2024	02:30	18.97	6.82	7.87	0.89	10.54	11.43	30.2	33.1	38.3
21/11/2024	03:00	18.94	6.7	8.07	0.89	10.54	11.43	30.5	298.94	37.33
21/11/2024	03:30	19.04	6.63	8.71	0.89	10.54	11.43	30.5	234.42	36.67
21/11/2024	04:00	19.46	6.6	8.07	0.89	10.54	11.43	30.5	127.99	36.31
21/11/2024	04:30	19.45	6.6	8.05	0.51	10.64	11.15	30.4	82.58	36.46
21/11/2024	05:00	19.49	6.6	8.39	0.51	10.64	11.15	30.3	244.07	36.62
21/11/2024	05:30	19.49	6.6	8.05	0.51	10.64	11.15	30.4	118.7	36.19
21/11/2024	06:00	19.17	6.6	8.05	0.51	10.64	11.15	30.5	85.03	35.83
21/11/2024	06:30	19.43	6.6	7.84	0.51	10.64	11.15	30.4	94.54	87.74

21/11/2024	07:00	19.36	6.6	7.87	0.51	10.64	11.15	30.3	91.04	85.14
21/11/2024	07:30	19.38	6.6	8.08	0.51	10.64	11.15	30.3	13.33	85.25
21/11/2024	08:00	19.38	6.6	8.07	0.51	10.64	11.15	30.4	16.75	87.47
21/11/2024	08:30	19.36	6.6	8.07	0.51	10.64	11.15	30.4	7.63	89.08
21/11/2024	09:00	19.4	6.6	7.87	0.51	10.64	11.15	30.4	4.91	70.37
21/11/2024	09:30	19.47	6.6	7.86	0.51	10.64	11.15	30.3	2.72	0
21/11/2024	10:00	19.47	6.6	7.87	0.51	10.64	11.15	30.4	0.27	0
21/11/2024	10:30	19.19	6.6	7.88	0.51	11	11.51	30.6	0	0
21/11/2024	11:00	19.43	6.61	7.87	0.51	11	11.51	30.7	0	0
21/11/2024	11:30	19.45	6.63	8.73	0.51	11	11.51	30.7	0	0
21/11/2024	12:00	19.47	6.64	7.88	0.51	11	11.51	30.7	0	0
21/11/2024	12:30	19.49	6.67	7.9	0.51	11	11.51	30.6	0	0
21/11/2024	13:00	19.4	6.68	7.88	0.51	11	11.51	30.6	0	0
21/11/2024	13:30	19.42	6.71	7.88	0.51	11	11.51	30.6	0	106.45
21/11/2024	14:00	19.35	6.73	7.88	0.51	11	11.51	30.6	0	84.71
21/11/2024	14:30	19.36	6.75	7.87	0.51	11	11.51	30.6	10.09	91.35
21/11/2024	15:00	19.35	6.63	7.86	0.51	11	11.51	31.1	272.06	0
21/11/2024	15:30	19.28	6.64	8.39	0.51	11	11.51	31.4	208.84	0
21/11/2024	16:00	18.57	6.6	8.07	0.51	11	11.51	31.5	91.33	112.55
21/11/2024	16:30	18.57	6.6	8.07	0.79	10.65	11.45	31.5	88.94	92.27
21/11/2024	17:00	18.55	6.6	8.09	0.79	10.65	11.45	31.4	13.57	0
21/11/2024	17:30	18.42	6.61	8.08	0.79	10.65	11.45	31.3	3.96	0
21/11/2024	18:00	18.72	6.63	8.08	0.79	10.65	11.45	31.3	0.44	0
21/11/2024	18:30	18.72	6.65	8.08	0.79	10.65	11.45	31.2	2.08	0
21/11/2024	19:00	18.58	6.65	7.87	0.79	10.65	11.45	31.1	3.04	0
21/11/2024	19:30	18.58	6.67	8.08	0.79	10.65	11.45	31	77.35	100.72
21/11/2024	20:00	18.47	6.63	8.08	0.79	10.65	11.45	31.1	81.83	97.56
21/11/2024	20:30	18.59	6.64	8.08	0.79	10.65	11.45	31.2	35.76	95.57
21/11/2024	21:00	18.64	6.65	7.86	0.79	10.65	11.45	31.2	7.87	94.85
21/11/2024	21:30	18.64	6.67	7.86	0.79	10.65	11.45	31.1	5.04	95.22
21/11/2024	22:00	18.64	6.69	7.86	0.79	10.65	11.45	31	3.86	95.35
21/11/2024	22:30	18.54	6.71	8.08	0.48	10.82	11.31	30.9	2.98	94.16
21/11/2024	23:00	18.47	6.72	8.08	0.48	10.82	11.31	30.9	2.5	93.31
21/11/2024	23:30	18.61	6.73	8.11	0.48	10.82	11.31	30.9	2.35	92.31
22/11/2024	00:00	18.59	6.75	8.08	0.48	10.82	11.31	30.8	2.98	92.68
22/11/2024	00:30	18.53	6.75	7.87	0.48	10.82	11.31	30.7	2.55	94.37
22/11/2024	01:00	18.64	6.77	8.07	0.48	10.82	11.31	30.6	2.62	91.94
22/11/2024	01:30	18.62	6.78	7.87	0.48	10.82	11.31	30.6	2.13	92.39
22/11/2024	02:00	18.71	6.78	8.07	0.48	10.82	11.31	30.6	1.6	91.95
22/11/2024	02:30	18.72	6.79	7.87	0.48	10.82	11.31	30.5	2.16	92.48
22/11/2024	03:00	18.47	6.8	7.84	0.48	10.82	11.31	30.4	1.93	91.76
22/11/2024	03:30	18.55	6.81	8.07	0.48	10.82	11.31	30.2	0.86	91.38
22/11/2024	04:00	18.51	6.81	8.07	0.48	10.82	11.31	30.3	1.15	92.89
22/11/2024	04:30	18.51	6.82	8.05	0.87	10.41	11.28	30.3	1.06	93.17
22/11/2024	05:00	18.51	6.83	8.07	0.87	10.41	11.28	30.2	14.57	91.8
22/11/2024	05:30	18.44	6.68	7.84	0.87	10.41	11.28	30.5	291.54	91.98
22/11/2024	06:00	18.43	6.69	8.39	0.87	10.41	11.28	30.3	235.58	90.97
22/11/2024	06:30	17.44	6.6	8.37	0.87	10.41	11.28	30.3	253.37	91.28
22/11/2024	07:00	17.42	6.6	8.39	0.87	10.41	11.28	30.4	248.55	91.67
22/11/2024	07:30	17.3	6.6	8.05	0.87	10.41	11.28	30.3	142.19	104.12
22/11/2024	08:00	17.42	6.6	7.86	0.87	10.41	11.28	30.3	85.66	115.17
22/11/2024	08:30	17.44	6.6	8.4	0.87	10.41	11.28	30.2	12.69	112.2
22/11/2024	09:00	17.51	6.6	8.08	0.87	10.41	11.28	30.3	5.65	109.25
22/11/2024	09:30	17.5	6.6	8.08	0.87	10.41	11.28	30.4	2.57	116.43
22/11/2024	10:00	17.34	6.6	8.08	0.87	10.41	11.28	30.4	0.64	109.07

22/11/2024	10:30	17.58	6.6	7.86	0.39	10.74	11.13	30.4	0.03	104.79
22/11/2024	11:00	17.5	6.6	8.09	0.39	10.74	11.13	30.6	0	106.27
22/11/2024	11:30	17.52	6.6	8.11	0.39	10.74	11.13	30.6	0	111.19
22/11/2024	12:00	17.5	6.61	8.09	0.39	10.74	11.13	30.6	0	108.55
22/11/2024	12:30	17.42	6.62	7.88	0.39	10.74	11.13	30.6	0	106
22/11/2024	13:00	17.42	6.64	7.88	0.39	10.74	11.13	30.5	0	104.98
22/11/2024	13:30	17.45	6.66	7.88	0.39	10.74	11.13	30.5	0	105.54
22/11/2024	14:00	17.44	6.68	7.88	0.39	10.74	11.13	30.6	0	107.5
22/11/2024	14:30	17.48	6.7	7.87	0.39	10.74	11.13	30.6	10.71	109.83
22/11/2024	15:00	17.48	6.62	7.86	0.39	10.74	11.13	31.2	36.49	104.99
22/11/2024	15:30	17.5	6.6	7.87	0.39	10.74	11.13	31.1	37.57	103.73
22/11/2024	16:00	17.44	6.6	7.86	0.39	10.74	11.13	31	35.71	0
22/11/2024	16:30	17.42	6.6	7.86	0.9	10.49	11.39	30.9	22.81	108.27
22/11/2024	17:00	17.37	6.6	8.08	0.9	10.49	11.39	30.9	227.05	111.95
22/11/2024	17:30	17.52	6.64	8.09	0.9	10.49	11.39	31	243.47	108.75
22/11/2024	18:00	15.95	6.75	8.08	0.9	10.49	11.39	31.2	158.54	112.2
22/11/2024	18:30	15.96	6.73	9.06	0.9	10.49	11.39	31.1	242.44	111.24
22/11/2024	19:00	15.96	6.71	8.75	0.9	10.49	11.39	31.2	185.35	110.11
22/11/2024	19:30	15.74	6.66	8.41	0.9	10.49	11.39	31.3	83.05	0
22/11/2024	20:00	15.6	6.64	8.41	0.9	10.49	11.39	31.2	58.66	125.18
22/11/2024	20:30	15.86	6.64	8.08	0.9	10.49	11.39	31.1	21.58	0
22/11/2024	21:00	15.86	6.65	8.08	0.9	10.49	11.39	31	0.76	0
22/11/2024	21:30	15.68	6.66	8.08	0.9	10.49	11.39	31	0.15	120.07
22/11/2024	22:00	15.71	6.68	8.08	0.9	10.49	11.39	30.9	0	113.89
22/11/2024	22:30	15.7	6.69	8.09	0.89	10.74	11.63	30.8	0	111.15
22/11/2024	23:00	15.78	6.7	8.08	0.89	10.74	11.63	30.7	0	108.64
22/11/2024	23:30	15.78	6.72	8.07	0.89	10.74	11.63	30.6	0	107.56
23/11/2024	00:00	15.71	6.73	8.09	0.89	10.74	11.63	30.6	0	106.47
23/11/2024	00:30	15.71	6.74	8.08	0.89	10.74	11.63	30.6	0	104.22
23/11/2024	01:00	15.7	6.75	7.86	0.89	10.74	11.63	30.5	0	106.12
23/11/2024	01:30	15.7	6.76	7.86	0.89	10.74	11.63	30.4	0	106.82
23/11/2024	02:00	15.7	6.77	8.08	0.89	10.74	11.63	30.2	0	103.86
23/11/2024	02:30	15.61	6.77	7.86	0.89	10.74	11.63	30.3	0	101.14
23/11/2024	03:00	15.71	6.78	7.87	0.89	10.74	11.63	30.2	0	102.46
23/11/2024	03:30	15.78	6.79	7.87	0.89	10.74	11.63	30.2	0	98.59
23/11/2024	04:00	15.78	6.8	7.84	0.89	10.74	11.63	30.1	0	101.23
23/11/2024	04:30	15.66	6.81	7.84	0.61	10.83	11.44	29.9	0	101.42
23/11/2024	05:00	15.67	6.75	8.05	0.61	10.83	11.44	30.2	40.96	100.02
23/11/2024	05:30	15.67	6.69	7.84	0.61	10.83	11.44	30.3	40.87	97.63
23/11/2024	06:00	15.66	6.68	7.84	0.61	10.83	11.44	30.3	15.45	95.46
23/11/2024	06:30	15.67	6.69	7.86	0.61	10.83	11.44	30.2	38.93	0
23/11/2024	07:00	15.49	6.72	7.86	0.61	10.83	11.44	30.1	244.25	0
23/11/2024	07:30	15.74	6.77	8.71	0.61	10.83	11.44	30.4	240.41	0
23/11/2024	08:00	17.62	6.71	8.4	0.61	10.83	11.44	30.6	166.97	0
23/11/2024	08:30	17.62	6.67	8.08	0.61	10.83	11.44	30.6	245.64	0
23/11/2024	09:00	17.63	6.66	7.87	0.61	10.83	11.44	30.6	123.87	0
23/11/2024	09:30	17.66	6.62	8.09	0.61	10.83	11.44	30.6	19.53	125.45
23/11/2024	10:00	17.78	6.63	8.08	0.61	10.83	11.44	30.7	0.88	117.54
23/11/2024	10:30	17.84	6.65	8.08	0.62	10.62	11.25	30.8	0	110.55
23/11/2024	11:00	17.84	6.67	7.88	0.62	10.62	11.25	30.8	0	110.54
23/11/2024	11:30	17.78	6.69	7.87	0.62	10.62	11.25	30.7	0	108.74
23/11/2024	12:00	18.02	6.72	7.88	0.62	10.62	11.25	30.7	8.43	104.75
23/11/2024	12:30	18.02	6.68	7.88	0.62	10.62	11.25	30.8	37.55	103.43
23/11/2024	13:00	17.73	6.65	7.87	0.62	10.62	11.25	30.9	39.3	101.67
23/11/2024	13:30	17.73	6.65	7.87	0.62	10.62	11.25	30.9	38.93	105.87

23/11/2024	14:00	17.75	6.65	7.88	0.62	10.62	11.25	30.9	35.27	106.37
23/11/2024	14:30	17.94	6.66	7.88	0.62	10.62	11.25	30.9	5.16	104
23/11/2024	15:00	17.9	6.69	7.86	0.62	10.62	11.25	31	1.91	102.79
23/11/2024	15:30	17.91	6.71	7.88	0.62	10.62	11.25	30.9	1.84	101.42
23/11/2024	16:00	17.9	6.73	7.56	0.62	10.62	11.25	30.8	1.76	102.37
23/11/2024	16:30	17.65	6.75	7.55	0.71	10.99	11.7	30.7	2.25	103.31
23/11/2024	17:00	17.73	6.77	7.87	0.71	10.99	11.7	30.7	1.76	0
23/11/2024	17:30	17.82	6.78	7.87	0.71	10.99	11.7	30.7	45.76	0
23/11/2024	18:00	17.83	6.74	7.87	0.71	10.99	11.7	30.8	275.43	0
23/11/2024	18:30	17.73	6.88	8.4	0.71	10.99	11.7	31	222.67	0
23/11/2024	19:00	17.8	6.82	8.41	0.71	10.99	11.7	30.9	122.05	0
23/11/2024	19:30	17.8	6.79	8.4	0.71	10.99	11.7	30.9	83.42	0
23/11/2024	20:00	17.89	6.77	8.4	0.71	10.99	11.7	31	79.6	0
23/11/2024	20:30	17.86	6.77	8.08	0.71	10.99	11.7	31	87.87	0
23/11/2024	21:00	17.75	6.81	8.09	0.71	10.99	11.7	30.9	178.48	0
23/11/2024	21:30	17.62	6.85	7.87	0.71	10.99	11.7	30.8	67.4	0
23/11/2024	22:00	17.78	6.81	8.09	0.71	10.99	11.7	30.8	36.74	0
23/11/2024	22:30	17.76	6.79	8.07	0.66	10.7	11.36	30.9	21.93	0
23/11/2024	23:00	17.76	6.79	8.07	0.66	10.7	11.36	30.9	15.33	0
23/11/2024	23:30	17.66	6.8	7.86	0.66	10.7	11.36	30.8	11.74	0
24/11/2024	00:00	17.65	6.81	8.08	0.66	10.7	11.36	30.7	9.69	0
24/11/2024	00:30	17.79	6.83	7.88	0.66	10.7	11.36	30.6	7.36	0
24/11/2024	01:00	17.8	6.84	7.87	0.66	10.7	11.36	30.7	6.55	0
24/11/2024	01:30	17.69	6.85	8.08	0.66	10.7	11.36	30.7	5.52	0
24/11/2024	02:00	17.89	6.85	7.88	0.66	10.7	11.36	30.6	5.65	0
24/11/2024	02:30	17.86	6.86	7.86	0.66	10.7	11.36	30.5	5.24	0
24/11/2024	03:00	17.78	6.87	7.83	0.66	10.7	11.36	30.5	4.89	0
24/11/2024	03:30	17.76	6.88	7.84	0.66	10.7	11.36	30.5	4.65	0
24/11/2024	04:00	17.56	6.89	7.86	0.66	10.7	11.36	30.5	2.89	116.86
24/11/2024	04:30	17.82	6.9	7.52	0.82	10.85	11.67	30.4	3.77	110.75
24/11/2024	05:00	17.67	6.91	7.84	0.82	10.85	11.67	30.3	3.21	105.38
24/11/2024	05:30	17.67	6.92	7.87	0.82	10.85	11.67	30.2	3.04	102.65
24/11/2024	06:00	17.67	6.92	7.86	0.82	10.85	11.67	30.2	2.67	99.1
24/11/2024	06:30	17.63	6.93	7.87	0.82	10.85	11.67	30.2	2.18	96.64
24/11/2024	07:00	17.83	6.94	7.86	0.82	10.85	11.67	30.2	7.61	95.49
24/11/2024	07:30	17.67	6.87	7.54	0.82	10.85	11.67	30.2	48.25	88.47
24/11/2024	08:00	17.67	6.75	7.84	0.82	10.85	11.67	30.3	46.02	86.87
24/11/2024	08:30	17.38	6.74	7.86	0.82	10.85	11.67	30.4	48.56	82.25
24/11/2024	09:00	17.69	6.74	7.86	0.82	10.85	11.67	30.5	43.41	76.03
24/11/2024	09:30	17.7	6.73	7.86	0.82	10.85	11.67	30.4	20.16	0
24/11/2024	10:00	17.84	6.76	7.54	0.82	10.85	11.67	30.4	5.01	90.19
24/11/2024	10:30	17.86	6.79	7.54	0.61	10.66	11.27	30.5	1.79	85.38
24/11/2024	11:00	17.79	6.81	7.55	0.61	10.66	11.27	30.6	1.84	81.67
24/11/2024	11:30	17.72	6.83	7.55	0.61	10.66	11.27	30.8	0.86	80.9
24/11/2024	12:00	17.87	6.86	7.56	0.61	10.66	11.27	30.7	0	0
24/11/2024	12:30	17.89	6.88	7.58	0.61	10.66	11.27	30.6	0.22	0
24/11/2024	13:00	17.87	6.91	7.87	0.61	10.66	11.27	30.6	0	85.75
24/11/2024	13:30	17.61	6.92	7.56	0.61	10.66	11.27	30.6	0	78.3
24/11/2024	14:00	17.9	6.95	7.55	0.61	10.66	11.27	30.7	0	0
24/11/2024	14:30	17.73	6.97	7.55	0.61	10.66	11.27	30.6	0.03	90.98
24/11/2024	15:00	17.75	6.98	7.54	0.61	10.66	11.27	30.6	0.13	0
24/11/2024	15:30	17.62	6.99	7.55	0.61	10.66	11.27	30.6	48.96	0
24/11/2024	16:00	17.75	6.9	7.54	0.61	10.66	11.27	31	240.85	0
24/11/2024	16:30	17.73	7.02	8.72	0.7	10.92	11.62	31.2	228.49	0
24/11/2024	17:00	18.33	6.97	8.08	0.7	10.92	11.62	31.3	199.58	0

24/11/2024	17:30	18.33	6.92	8.39	0.7	10.92	11.62	31.2	158.96	0
24/11/2024	18:00	18.48	6.87	8.41	0.7	10.92	11.62	31	193.59	0
24/11/2024	18:30	18.54	6.84	8.08	0.7	10.92	11.62	31.1	85.96	0
24/11/2024	19:00	18.46	6.83	8.09	0.7	10.92	11.62	31.1	46.95	0
24/11/2024	19:30	18.43	6.83	8.07	0.7	10.92	11.62	31.1	42.12	0
24/11/2024	20:00	18.43	6.83	7.54	0.7	10.92	11.62	31	38.28	110.93
24/11/2024	20:30	18.36	6.84	8.07	0.7	10.92	11.62	30.9	34.59	106.25
24/11/2024	21:00	18.51	6.85	8.07	0.7	10.92	11.62	30.9	35.46	102.46
24/11/2024	21:30	18.5	6.85	8.07	0.7	10.92	11.62	31	23.1	102.13
24/11/2024	22:00	18.48	6.87	8.07	0.7	10.92	11.62	30.9	1.64	96.73
24/11/2024	22:30	18.26	6.88	7.86	0.45	10.71	11.16	30.8	0.5	95.76
24/11/2024	23:00	18.39	6.9	8.07	0.45	10.71	11.16	30.6	38.23	90.9
24/11/2024	23:30	18.36	6.89	8.39	0.45	10.71	11.16	30.7	13.64	81.04
25/11/2024	00:00	18.37	6.88	8.08	0.45	10.71	11.16	30.8	5.38	0
25/11/2024	00:30	18.39	6.92	8.07	0.45	10.71	11.16	30.7	4.58	0
25/11/2024	01:00	18.08	6.93	8.05	0.45	10.71	11.16	30.6	3.89	85.36
25/11/2024	01:30	18.3	6.95	8.07	0.45	10.71	11.16	30.4	1.93	0
25/11/2024	02:00	18.33	6.96	8.08	0.45	10.71	11.16	30.5	2.11	0
25/11/2024	02:30	18.33	6.93	8.07	0.45	10.71	11.16	30.5	1.98	87.89
25/11/2024	03:00	18.33	6.98	8.04	0.45	10.71	11.16	30.4	2.74	0
25/11/2024	03:30	18.02	6.92	7.86	0.45	10.71	11.16	30.3	2.33	0
25/11/2024	04:00	18.21	7	8.07	0.45	10.71	11.16	30.1	1.55	0
25/11/2024	04:30	18.42	7.01	7.86	0.46	10.81	11.28	30.1	1.57	86.71
25/11/2024	05:00	18.4	6.93	8.07	0.46	10.81	11.28	30.4	279.02	0
25/11/2024	05:30	18.43	6.97	8.07	0.46	10.81	11.28	30.4	270.79	0
25/11/2024	06:00	18.9	6.78	8.05	0.46	10.81	11.28	30.4	148.82	0
25/11/2024	06:30	18.9	6.79	8.39	0.46	10.81	11.28	30.3	180.46	97.36
25/11/2024	07:00	19.27	6.79	8.39	0.46	10.81	11.28	30.4	162.84	93.57
25/11/2024	07:30	19.28	6.74	8.39	0.46	10.81	11.28	30.5	144.95	86.53
25/11/2024	08:00	19	6.76	8.07	0.46	10.81	11.28	30.5	99.37	85.27
25/11/2024	08:30	18.55	6.75	8.07	0.46	10.81	11.28	30.5	94.29	84.59
25/11/2024	09:00	19.35	6.76	9.04	0.46	10.81	11.28	30.5	9.1	0
25/11/2024	09:30	19.34	6.78	8.08	0.46	10.81	11.28	30.6	79.55	88.98
25/11/2024	10:00	19.34	6.77	7.87	0.46	10.81	11.28	30.7	18.99	103.29
25/11/2024	10:30	19.3	6.8	8.07	0.44	10.61	11.05	30.8	0.1	105.04
25/11/2024	11:00	19.28	6.83	7.88	0.44	10.61	11.05	30.7	0	102.54
25/11/2024	11:30	19.31	6.85	8.11	0.44	10.61	11.05	31	0	97.97
25/11/2024	12:00	19.3	6.87	8.09	0.44	10.61	11.05	30.9	0	99.58
25/11/2024	12:30	18.99	6.76	7.88	0.44	10.61	11.05	30.9	0	100.05
25/11/2024	13:00	19.35	6.92	7.88	0.44	10.61	11.05	30.9	0	98.68
25/11/2024	13:30	19.34	6.84	7.86	0.44	10.61	11.05	30.8	0	99.39
25/11/2024	14:00	19.28	6.96	7.88	0.44	10.61	11.05	30.8	0	103.6
25/11/2024	14:30	19.27	6.99	7.87	0.44	10.61	11.05	30.8	0	103.05
25/11/2024	15:00	19.02	6.97	8.09	0.44	10.61	11.05	31	29.28	102.33
25/11/2024	15:30	19.3	6.98	7.86	0.44	10.61	11.05	31.1	5.31	101.91
25/11/2024	16:00	19.27	6.93	7.86	0.44	10.61	11.05	31	2.74	0
25/11/2024	16:30	19.28	7.03	7.88	0.58	10.8	11.38	30.9	1.72	0
25/11/2024	17:00	19.28	7.05	7.87	0.58	10.8	11.38	30.9	1.47	0
25/11/2024	17:30	19.22	7.06	7.86	0.58	10.8	11.38	30.9	1.4	0
25/11/2024	18:00	19.25	7.08	7.86	0.58	10.8	11.38	30.8	62.74	122.66
25/11/2024	18:30	19.28	6.98	7.87	0.58	10.8	11.38	30.7	238.63	0
25/11/2024	19:00	19.27	6.96	8.71	0.58	10.8	11.38	30.8	201.56	0
25/11/2024	19:30	18.44	6.83	8.4	0.58	10.8	11.38	31	207.11	0
25/11/2024	20:00	18.4	6.76	8.72	0.58	10.8	11.38	31.1	255.78	124.43
25/11/2024	20:30	18.4	6.69	8.08	0.58	10.8	11.38	31	153.09	120.99

25/11/2024	21:00	18.68	6.65	8.08	0.58	10.8	11.38	30.9	83.3	117.61
25/11/2024	21:30	18.7	6.64	8.4	0.58	10.8	11.38	30.9	89.48	114.29
25/11/2024	22:00	18.68	6.64	8.71	0.58	10.8	11.38	30.9	86.57	111.8
25/11/2024	22:30	18.61	6.66	8.72	0.91	10.59	11.5	31	43.66	108.47
25/11/2024	23:00	18.7	6.69	8.39	0.91	10.59	11.5	30.9	9	108.52
25/11/2024	23:30	18.71	6.7	8.4	0.91	10.59	11.5	30.8	4.96	109.24
26/11/2024	00:00	18.71	6.74	8.39	0.91	10.59	11.5	30.7	3.65	108.3
26/11/2024	00:30	18.71	6.75	8.39	0.91	10.59	11.5	30.7	2.86	108.3
26/11/2024	01:00	18.58	6.76	8.39	0.91	10.59	11.5	30.7	2.69	106.32
26/11/2024	01:30	18.53	6.78	8.05	0.91	10.59	11.5	30.6	3.38	106.14
26/11/2024	02:00	18.54	6.79	8.07	0.91	10.59	11.5	30.5	2.69	105.19
26/11/2024	02:30	18.47	6.81	8.05	0.91	10.59	11.5	30.4	1.57	104.97
26/11/2024	03:00	18.61	6.81	8.07	0.91	10.59	11.5	30.4	2.06	104.34
26/11/2024	03:30	18.61	6.82	8.07	0.91	10.59	11.5	30.4	1.67	101.37
26/11/2024	04:00	18.55	6.83	8.07	0.91	10.59	11.5	30.3	2.42	99.65
26/11/2024	04:30	18.54	6.8	7.84	0.7	10.8	11.5	30.2	2.3	97.64
26/11/2024	05:00	18.57	6.85	8.08	0.7	10.8	11.5	30.1	12.88	95.49
26/11/2024	05:30	18.42	6.72	8.07	0.7	10.8	11.5	30.4	283.35	93.03
26/11/2024	06:00	19.81	6.78	10.21	0.7	10.8	11.5	30.5	244.93	89.03
26/11/2024	06:30	19.81	6.73	8.71	0.7	10.8	11.5	30.6	144.95	86.99
26/11/2024	07:00	19.79	6.69	8.08	0.7	10.8	11.5	30.5	236.11	81.24
26/11/2024	07:30	21.62	6.69	8.71	0.7	10.8	11.5	30.5	196.01	0
26/11/2024	08:00	21.9	6.64	8.4	0.7	10.8	11.5	30.6	93.58	102.47
26/11/2024	08:30	21.97	6.6	8.4	0.7	10.8	11.5	30.7	83.34	102.08
26/11/2024	09:00	21.95	6.63	8.4	0.7	10.8	11.5	30.6	79.48	96.84
26/11/2024	09:30	21.9	6.6	8.08	0.7	10.8	11.5	30.6	3.58	92.45
26/11/2024	10:00	21.9	6.67	8.71	0.7	10.8	11.5	30.6	0.03	92.5
26/11/2024	10:30	21.9	6.69	8.73	0.85	10.88	11.72	30.7	0	91.95
26/11/2024	11:00	21.86	6.72	8.39	0.85	10.88	11.72	30.7	0	88.88
26/11/2024	11:30	21.86	6.75	8.09	0.85	10.88	11.72	30.7	0	85.95
26/11/2024	12:00	21.86	6.77	8.11	0.85	10.88	11.72	30.7	0	91.7
26/11/2024	12:30	21.98	6.79	8.43	0.85	10.88	11.72	30.8	0	88.62
26/11/2024	13:00	21.95	6.82	8.4	0.85	10.88	11.72	30.8	0	90.06
26/11/2024	13:30	21.95	6.79	8.41	0.85	10.88	11.72	30.8	0	90.88
26/11/2024	14:00	21.95	6.86	8.08	0.85	10.88	11.72	30.7	0	95
26/11/2024	14:30	21.65	6.88	8.08	0.85	10.88	11.72	30.7	0	0
26/11/2024	15:00	21.89	6.89	8.09	0.85	10.88	11.72	30.7	16.45	0
26/11/2024	15:30	21.8	6.78	8.41	0.85	10.88	11.72	30.9	217.51	0
26/11/2024	16:00	21.8	6.83	9.91	0.85	10.88	11.72	31.3	203.59	0
26/11/2024	16:30	22.83	6.79	9.07	0.55	10.77	11.32	31.3	110.47	0
26/11/2024	17:00	23.02	6.78	9.06	0.55	10.77	11.32	31.2	245.66	0
26/11/2024	17:30	23.02	6.76	9.38	0.55	10.77	11.32	31.2	175.11	0
26/11/2024	18:00	23.03	6.69	8.72	0.55	10.77	11.32	31.2	96	0
26/11/2024	18:30	23.02	6.67	8.41	0.55	10.77	11.32	31.2	91.23	126.18
26/11/2024	19:00	23.11	6.67	8.08	0.55	10.77	11.32	31.2	83.79	120.3
26/11/2024	19:30	23.14	6.68	8.09	0.55	10.77	11.32	31	11.07	117.97
26/11/2024	20:00	23.07	6.71	8.73	0.55	10.77	11.32	30.9	5.04	114.74
26/11/2024	20:30	23.09	6.73	8.39	0.55	10.77	11.32	31	2.86	114.01
26/11/2024	21:00	23.07	6.76	8.39	0.55	10.77	11.32	31	2.69	113.14
26/11/2024	21:30	23.11	6.77	8.08	0.55	10.77	11.32	30.9	3.09	110.88
26/11/2024	22:00	23.04	6.78	8.08	0.55	10.77	11.32	30.7	2.45	109.92
26/11/2024	22:30	23.13	6.8	8.72	0.42	10.63	11.04	30.6	2.3	108.32
26/11/2024	23:00	23.13	6.81	9.38	0.42	10.63	11.04	30.7	33.92	106.05
26/11/2024	23:30	22.9	6.74	8.4	0.42	10.63	11.04	30.8	8.17	104.75
27/11/2024	00:00	23.1	6.75	8.08	0.42	10.63	11.04	30.8	5.77	0

27/11/2024	00:30	23.09	6.76	7.84	0.42	10.63	11.04	30.7	3.18	0
27/11/2024	01:00	23.09	6.78	8.08	0.42	10.63	11.04	30.5	2.08	0
27/11/2024	01:30	23.09	6.79	8.05	0.42	10.63	11.04	30.6	1.52	0
27/11/2024	02:00	23.13	6.81	8.07	0.42	10.63	11.04	30.6	2.13	0
27/11/2024	02:30	23.13	6.82	7.86	0.42	10.63	11.04	30.5	1.98	0
27/11/2024	03:00	23.14	6.83	7.84	0.42	10.63	11.04	30.3	1.74	0
27/11/2024	03:30	23.13	6.79	8.05	0.42	10.63	11.04	30.3	131.03	0
27/11/2024	04:00	23.14	6.76	8.4	0.42	10.63	11.04	30.4	265.41	0
27/11/2024	04:30	22.95	6.72	8.69	0.82	10.46	11.28	30.6	231.15	0
27/11/2024	05:00	23.69	6.67	8.69	0.82	10.46	11.28	30.6	188.62	0
27/11/2024	05:30	23.9	6.65	8.07	0.82	10.46	11.28	30.5	141.17	0
27/11/2024	06:00	23.88	6.64	8.37	0.82	10.46	11.28	30.4	130.05	127.72
27/11/2024	06:30	22.79	6.64	8.39	0.82	10.46	11.28	30.5	96.93	116.69
27/11/2024	07:00	23.92	6.65	8.37	0.82	10.46	11.28	30.5	92.7	112.37
27/11/2024	07:30	23.92	6.67	8.07	0.82	10.46	11.28	30.5	81.68	111.64
27/11/2024	08:00	23.81	6.69	8.08	0.82	10.46	11.28	30.4	16.52	115
27/11/2024	08:30	23.82	6.72	8.09	0.82	10.46	11.28	30.4	2.45	115.24
27/11/2024	09:00	23.94	6.74	8.4	0.82	10.46	11.28	30.5	0	112.55
27/11/2024	09:30	23.95	6.73	8.08	0.82	10.46	11.28	30.5	0	110.3
27/11/2024	10:00	23.94	6.78	8.07	0.82	10.46	11.28	30.4	0	0
27/11/2024	10:30	23.92	6.77	7.87	0.53	10.63	11.16	30.4	0	0
27/11/2024	11:00	23.94	6.83	8.09	0.53	10.63	11.16	30.6	0	0
27/11/2024	11:30	23.87	6.84	8.09	0.53	10.63	11.16	30.7	0	0
27/11/2024	12:00	23.95	6.87	8.11	0.53	10.63	11.16	30.7	0	105.05
27/11/2024	12:30	23.96	6.89	7.9	0.53	10.63	11.16	30.7	0	100.44
27/11/2024	13:00	23.95	6.91	7.88	0.53	10.63	11.16	30.5	0	98.1
27/11/2024	13:30	24.09	6.94	8.11	0.53	10.63	11.16	30.6	0	96.5
27/11/2024	14:00	23.95	6.96	7.87	0.53	10.63	11.16	30.6	0	0
27/11/2024	14:30	23.94	6.85	8.08	0.53	10.63	11.16	31	198.72	0
27/11/2024	15:00	23.81	6.8	7.86	0.53	10.63	11.16	31.1	209.84	0
27/11/2024	15:30	23.82	6.75	8.41	0.53	10.63	11.16	31.2	183.03	0
27/11/2024	16:00	22.79	6.67	8.73	0.53	10.63	11.16	31.4	148.59	0
27/11/2024	16:30	22.75	6.63	8.73	0.56	10.84	11.41	31.5	227.14	0
27/11/2024	17:00	22.76	6.6	8.41	0.56	10.84	11.41	31.4	105.87	0
27/11/2024	17:30	22.76	6.6	7.87	0.56	10.84	11.41	31.3	89.94	0
27/11/2024	18:00	22.75	6.6	8.09	0.56	10.84	11.41	31.2	87.69	165.51
27/11/2024	18:30	22.67	6.6	8.08	0.56	10.84	11.41	31.1	74.32	161.41
27/11/2024	19:00	22.72	6.6	8.08	0.56	10.84	11.41	31.2	9.34	154.85
27/11/2024	19:30	22.4	6.61	8.09	0.56	10.84	11.41	31.1	3.77	147.08
27/11/2024	20:00	22.39	6.63	7.88	0.56	10.84	11.41	31	4.21	139.67
27/11/2024	20:30	22.6	6.64	7.87	0.56	10.84	11.41	30.9	2.89	135.1
27/11/2024	21:00	22.66	6.66	8.07	0.56	10.84	11.41	30.8	2.2	145.94
27/11/2024	21:30	22.66	6.67	8.09	0.56	10.84	11.41	30.8	2.13	51.29
27/11/2024	22:00	22.71	6.69	7.87	0.56	10.84	11.41	30.8	1.91	56.73
27/11/2024	22:30	22.72	6.7	7.88	0.81	10.91	11.71	30.7	1.81	58.14
27/11/2024	23:00	22.42	6.7	7.52	0.81	10.91	11.71	30.6	1.42	60.09
27/11/2024	23:30	22.22	6.73	7.86	0.81	10.91	11.71	30.5	0.88	0
28/11/2024	00:00	22.53	6.73	7.86	0.81	10.91	11.71	30.5	8.66	0
28/11/2024	00:30	22.53	6.76	7.86	0.81	10.91	11.71	30.6	3.84	0
28/11/2024	01:00	22.53	6.75	7.86	0.81	10.91	11.71	30.6	51.1	0
28/11/2024	01:30	22.51	6.63	8.07	0.81	10.91	11.71	30.6	295.04	0
28/11/2024	02:00	22.23	6.7	9.89	0.81	10.91	11.71	30.4	273.7	0
28/11/2024	02:30	22.99	6.61	9.57	0.81	10.91	11.71	30.5	224.7	0
28/11/2024	03:00	22.98	6.6	9.35	0.81	10.91	11.71	30.5	154.73	0
28/11/2024	03:30	23.14	6.6	8.4	0.81	10.91	11.71	30.5	92.02	0

28/11/2024	04:00	23.14	6.6	8.37	0.81	10.91	11.71	30.4	88.52	0
28/11/2024	04:30	23.13	6.6	9.04	0.51	10.71	11.22	30.3	49.2	72.03
28/11/2024	05:00	23.1	6.6	9.04	0.51	10.71	11.22	30.4	42.92	70.13
28/11/2024	05:30	23.07	6.6	9.33	0.51	10.71	11.22	30.4	43.78	0
28/11/2024	06:00	22.98	6.6	8.69	0.51	10.71	11.22	30.3	44.02	0
28/11/2024	06:30	22.62	6.61	9.01	0.51	10.71	11.22	30.2	10.76	77.42
28/11/2024	07:00	22.83	6.65	9.54	0.51	10.71	11.22	30.2	5.07	72.51
28/11/2024	07:30	22.86	6.67	9.59	0.51	10.71	11.22	30.2	4.09	0
28/11/2024	08:00	22.86	6.69	9.38	0.51	10.71	11.22	30.2	3.38	77.69
28/11/2024	08:30	22.21	6.7	9.03	0.51	10.71	11.22	30.2	3.01	103.53
28/11/2024	09:00	22.99	6.71	8.72	0.51	10.71	11.22	30.1	2.13	182.94
28/11/2024	09:30	23.03	6.74	9.36	0.51	10.71	11.22	30.2	2.04	176
28/11/2024	10:00	23.04	6.75	9.39	0.51	10.71	11.22	30.1	0.39	169.45
28/11/2024	10:30	22.95	6.8	9.39	0.8	10.85	11.65	30.3	0.62	160.74
28/11/2024	11:00	23	6.82	8.39	0.8	10.85	11.65	30.3	0.64	156.29
28/11/2024	11:30	22.99	6.85	8.72	0.8	10.85	11.65	30.3	0.93	142.53
28/11/2024	12:00	23	6.86	9.07	0.8	10.85	11.65	30.4	0	147.46
28/11/2024	12:30	22.99	6.76	9.06	0.8	10.85	11.65	30.6	72.74	138.87
28/11/2024	13:00	22.99	6.72	8.43	0.8	10.85	11.65	30.7	85.44	135.2
28/11/2024	13:30	23.14	6.74	8.11	0.8	10.85	11.65	30.7	94.44	133.4
28/11/2024	14:00	23.2	6.8	8.08	0.8	10.85	11.65	30.6	97.78	123.15
28/11/2024	14:30	23.21	6.87	8.75	0.8	10.85	11.65	30.9	87.01	121.22
28/11/2024	15:00	23.2	6.81	8.71	0.8	10.85	11.65	31.1	244.32	0
28/11/2024	15:30	23.18	6.7	8.41	0.8	10.85	11.65	31.2	199.58	133.68
28/11/2024	16:00	23.45	6.6	7.87	0.8	10.85	11.65	31	97.59	0
28/11/2024	16:30	23.38	6.6	7.88	0.94	10.81	11.75	30.9	80.39	0
28/11/2024	17:00	23.38	6.6	8.09	0.94	10.81	11.75	30.9	83.37	160.35
28/11/2024	17:30	23.28	6.6	7.87	0.94	10.81	11.75	30.8	79.82	154.16
28/11/2024	18:00	23.35	6.6	7.87	0.94	10.81	11.75	30.8	24.66	150.91
28/11/2024	18:30	23.36	6.6	7.87	0.94	10.81	11.75	30.7	6.85	101.27
28/11/2024	19:00	23.41	6.61	7.88	0.94	10.81	11.75	30.6	4.21	146.73
28/11/2024	19:30	23.39	6.64	7.86	0.94	10.81	11.75	30.5	3.11	141.8
28/11/2024	20:00	23.3	6.65	7.86	0.94	10.81	11.75	30.5	2.45	96.24
28/11/2024	20:30	23.38	6.66	7.87	0.94	10.81	11.75	30.5	3.06	97.03
28/11/2024	21:00	23.39	6.68	7.84	0.94	10.81	11.75	30.4	1.64	0
28/11/2024	21:30	23.41	6.69	7.84	0.94	10.81	11.75	30.2	1.76	156.51
28/11/2024	22:00	23.42	6.7	7.86	0.94	10.81	11.75	30.2	1.32	152.27
28/11/2024	22:30	23.02	6.71	7.86	0.59	10.7	11.3	30.2	1.27	100.15
28/11/2024	23:00	23.22	6.72	7.86	0.59	10.7	11.3	30.1	1.37	99.97
28/11/2024	23:30	23.41	6.73	7.86	0.59	10.7	11.3	30	1.6	0
29/11/2024	00:00	23.38	6.74	7.52	0.59	10.7	11.3	29.9	1.4	0
29/11/2024	00:30	23.14	6.76	7.86	0.59	10.7	11.3	29.9	1.08	0
29/11/2024	01:00	23.18	6.76	7.84	0.59	10.7	11.3	29.9	0.42	0
29/11/2024	01:30	23.18	6.77	7.86	0.59	10.7	11.3	29.9	57.8	0
29/11/2024	02:00	23.34	6.61	7.87	0.59	10.7	11.3	30	218.76	0
29/11/2024	02:30	23.32	6.64	7.84	0.59	10.7	11.3	29.9	218.3	0
29/11/2024	03:00	23.14	6.69	9.01	0.59	10.7	11.3	30	189.88	0
29/11/2024	03:30	23.21	6.63	10.2	0.59	10.7	11.3	30.1	155	0
29/11/2024	04:00	23.11	6.62	10.21	0.59	10.7	11.3	30.1	119.27	0
29/11/2024	04:30	23.1	6.6	9.03	0.85	10.89	11.75	30.1	95.96	0
29/11/2024	05:00	23.1	6.62	9.03	0.85	10.89	11.75	30	102.09	0
29/11/2024	05:30	23.13	6.63	8.69	0.85	10.89	11.75	29.9	80.27	0
29/11/2024	06:00	23.21	6.64	8.71	0.85	10.89	11.75	30	83.88	0
29/11/2024	06:30	23.21	6.62	8.39	0.85	10.89	11.75	30	82.37	0
29/11/2024	07:00	23.22	6.63	8.4	0.85	10.89	11.75	29.9	22.3	164.52

29/11/2024	07:30	23.03	6.66	8.05	0.85	10.89	11.75	29.8	5.07	157.79
29/11/2024	08:00	23.11	6.68	8.41	0.85	10.89	11.75	29.8	2.3	103.63
29/11/2024	08:30	23.1	6.7	8.39	0.85	10.89	11.75	29.8	0.25	160.55
29/11/2024	09:00	23.22	6.72	8.39	0.85	10.89	11.75	29.9	0	144.77
29/11/2024	09:30	23.24	6.73	8.4	0.85	10.89	11.75	29.8	0	141.02
29/11/2024	10:00	23.17	6.75	8.07	0.85	10.89	11.75	29.8	0	136.32
29/11/2024	10:30	23.25	6.76	8.08	0.94	10.7	11.64	29.9	0	124.96
29/11/2024	11:00	23.24	6.79	8.09	0.94	10.7	11.64	30	0	0
29/11/2024	11:30	23.24	6.81	8.09	0.94	10.7	11.64	30.1	0	120.46
29/11/2024	12:00	23.22	6.82	7.88	0.94	10.7	11.64	30	0	115.21
29/11/2024	12:30	23.04	6.83	8.08	0.94	10.7	11.64	29.9	0	114.43
29/11/2024	13:00	23.22	6.86	8.09	0.94	10.7	11.64	30	0	112.6
29/11/2024	13:30	23.2	6.88	8.08	0.94	10.7	11.64	30	0	0
29/11/2024	14:00	23.2	6.89	7.88	0.94	10.7	11.64	30	125.92	0
29/11/2024	14:30	22.99	6.79	8.09	0.94	10.7	11.64	30.2	234.25	0
29/11/2024	15:00	23.25	6.85	9.59	0.94	10.7	11.64	30.5	195.57	0
29/11/2024	15:30	23.25	6.8	10.25	0.94	10.7	11.64	30.7	228.7	0
29/11/2024	16:00	23.34	6.74	9.92	0.94	10.7	11.64	30.7	187.5	0
29/11/2024	16:30	23.34	6.69	9.06	0.85	10.75	11.61	30.7	88.31	0
29/11/2024	17:00	23.45	6.66	8.72	0.85	10.75	11.61	30.6	56.39	0
29/11/2024	17:30	23.43	6.66	8.39	0.85	10.75	11.61	30.5	32.34	0
29/11/2024	18:00	23.47	6.67	8.71	0.85	10.75	11.61	30.4	12.84	0
29/11/2024	18:30	23.46	6.68	8.72	0.85	10.75	11.61	30.4	5.16	0
29/11/2024	19:00	23.46	6.7	8.39	0.85	10.75	11.61	30.4	3.96	0
29/11/2024	19:30	23.31	6.71	8.4	0.85	10.75	11.61	30.4	3.6	0
29/11/2024	20:00	23.52	6.73	8.07	0.85	10.75	11.61	30.2	3.04	0
29/11/2024	20:30	23.43	6.75	8.37	0.85	10.75	11.61	30.1	2.57	0
29/11/2024	21:00	23.43	6.75	8.4	0.85	10.75	11.61	30.1	1.62	0
29/11/2024	21:30	23.38	6.77	8.07	0.85	10.75	11.61	30.1	1.27	74.62
29/11/2024	22:00	23.52	6.78	8.39	0.85	10.75	11.61	30	1.96	73.92
29/11/2024	22:30	23.53	6.79	8.07	0.36	10.81	11.17	29.9	1.37	73.54
29/11/2024	23:00	23.49	6.8	8.07	0.36	10.81	11.17	29.8	1.03	73.39
29/11/2024	23:30	23.49	6.81	8.08	0.36	10.81	11.17	29.8	6.53	73.24
30/11/2024	00:00	23.41	6.72	8.05	0.36	10.81	11.17	29.9	41.96	73.6
30/11/2024	00:30	23.43	6.67	7.84	0.36	10.81	11.17	29.9	45.22	73.41
30/11/2024	01:00	23.43	6.65	7.86	0.36	10.81	11.17	29.8	42.24	73.02
30/11/2024	01:30	23.42	6.66	7.83	0.36	10.81	11.17	29.7	39.58	72.85
30/11/2024	02:00	23.43	6.66	7.86	0.36	10.81	11.17	29.8	22.17	72.82
30/11/2024	02:30	23.42	6.67	7.84	0.36	10.81	11.17	29.8	5.26	72.87
30/11/2024	03:00	23.62	6.69	7.84	0.36	10.81	11.17	29.7	4.07	72.57
30/11/2024	03:30	23.45	6.71	7.86	0.36	10.81	11.17	29.6	1.84	72.49
30/11/2024	04:00	23.46	6.73	7.86	0.36	10.81	11.17	29.4	2.47	72.49
30/11/2024	04:30	23.34	6.74	7.84	0.8	10.53	11.34	29.5	2.23	72.55
30/11/2024	05:00	23.45	6.68	7.83	0.8	10.53	11.34	29.5	86.08	133.93
30/11/2024	05:30	23.45	6.66	7.86	0.8	10.53	11.34	29.6	228.22	131.79
30/11/2024	06:00	23.55	6.65	8.05	0.8	10.53	11.34	29.6	201.87	0
30/11/2024	06:30	23.55	6.6	9.01	0.8	10.53	11.34	29.6	150.99	0
30/11/2024	07:00	23.5	6.6	8.71	0.8	10.53	11.34	29.8	110.25	0
30/11/2024	07:30	23.6	6.6	8.39	0.8	10.53	11.34	29.8	124.52	0
30/11/2024	08:00	23.47	6.6	8.09	0.8	10.53	11.34	29.8	83.51	0
30/11/2024	08:30	23.47	6.6	8.08	0.8	10.53	11.34	29.7	26.15	75.78
30/11/2024	09:00	23.47	6.6	8.08	0.8	10.53	11.34	29.7	6.45	74.87
30/11/2024	09:30	23.58	6.6	7.84	0.8	10.53	11.34	29.8	3.72	74.34
30/11/2024	10:00	23.63	6.6	8.07	0.8	10.53	11.34	29.9	1.44	73.65
30/11/2024	10:30	23.66	6.6	7.86	0.42	10.52	10.94	29.9	1.08	136.47

30/11/2024	11:00	23.67	6.6	7.87	0.42	10.52	10.94	29.8	0.03	131.04
30/11/2024	11:30	23.55	6.6	8.08	0.42	10.52	10.94	29.9	0.27	129.92
30/11/2024	12:00	23.67	6.61	7.88	0.42	10.52	10.94	29.9	0.3	124.92
30/11/2024	12:30	23.69	6.63	7.87	0.42	10.52	10.94	30	0	118.16
30/11/2024	13:00	23.73	6.65	7.87	0.42	10.52	10.94	29.9	0.08	100.41
30/11/2024	13:30	23.7	6.66	7.84	0.42	10.52	10.94	29.8	0	97.26
30/11/2024	14:00	23.5	6.69	7.86	0.42	10.52	10.94	29.9	0	92.94
30/11/2024	14:30	23.67	6.72	7.87	0.42	10.52	10.94	29.9	0	94.4
30/11/2024	15:00	23.77	6.74	7.87	0.42	10.52	10.94	29.9	0	92.74
30/11/2024	15:30	23.75	6.76	7.87	0.42	10.52	10.94	29.9	14.33	90.98
30/11/2024	16:00	23.77	6.66	7.87	0.42	10.52	10.94	29.9	41.38	92.97
30/11/2024	16:30	23.62	6.6	7.86	0.4	10.79	11.19	29.9	40.94	0
30/11/2024	17:00	23.71	6.6	7.84	0.4	10.79	11.19	30	36.93	0
30/11/2024	17:30	23.6	6.6	7.87	0.4	10.79	11.19	30	54.41	0
30/11/2024	18:00	23.6	6.6	7.87	0.4	10.79	11.19	29.9	278.07	0
30/11/2024	18:30	23.43	6.68	8.39	0.4	10.79	11.19	30	223.33	0
30/11/2024	19:00	23.49	6.65	8.72	0.4	10.79	11.19	30.2	104.63	0
30/11/2024	19:30	23.5	6.62	9.91	0.4	10.79	11.19	30.3	242.09	0
30/11/2024	20:00	23.34	6.63	9.36	0.4	10.79	11.19	30.3	210.77	0
30/11/2024	20:30	23.32	6.6	8.39	0.4	10.79	11.19	30.3	90.65	0
30/11/2024	21:00	23.38	6.6	7.86	0.4	10.79	11.19	30.2	11.98	119.75
30/11/2024	21:30	23.47	6.6	8.05	0.4	10.79	11.19	30.1	5.04	116.67
30/11/2024	22:00	23.58	6.6	7.84	0.4	10.79	11.19	30.1	3.14	114.36
30/11/2024	22:30	23.56	6.61	8.07	0.52	10.57	11.09	30.1	2.13	111.44
30/11/2024	23:00	23.56	6.62	8.07	0.52	10.57	11.09	30	2.69	109.25
30/11/2024	23:30	23.45	6.63	7.84	0.52	10.57	11.09	29.9	2.33	108.82