

BÁO CÁO THÔNG SỐ TRẠM QUAN TRẮC TỰ ĐỘNG

Thông số Theo QCVN40/2011/BTNMT

Thời gian	COD mg/l	pH	TSS mg/l	NH4 mg/l	NO3 mg/l	TN mg/l	Temp oC	Flow out m3/h	Flow in m3/h
01/03/2025 00:00	17.42	6.77	8	0.63	11.91	12.53	30.8	45.85	0
01/03/2025 00:30	17.45	6.77	7.15	0.63	11.91	12.53	30.8	34.68	0
01/03/2025 01:00	17.41	6.77	7.28	0.63	11.91	12.53	30.6	25.15	0
01/03/2025 01:30	17.42	6.77	7.2	0.63	11.91	12.53	30.5	41.4	137.54
01/03/2025 02:00	17.42	6.75	7.32	0.63	11.91	12.53	30.6	48.37	131.24
01/03/2025 03:00	17.37	6.74	7.86	0.63	11.91	12.53	30.6	38.89	123.89
01/03/2025 03:30	17.4	6.73	7.18	0.63	11.91	12.53	30.4	40.43	117.3
01/03/2025 04:00	17.41	6.74	7.22	0.49	11.87	12.36	30.3	8.71	112.6
01/03/2025 04:30	17.37	6.77	7.18	0.49	11.87	12.36	30.3	4.84	106.29
01/03/2025 05:00	17.44	6.8	7.77	0.49	11.87	12.36	30.3	2.18	98.16
01/03/2025 05:30	17.45	6.84	7.15	0.49	11.87	12.36	30.2	1.84	0
01/03/2025 06:00	17.42	6.86	7.21	0.49	11.87	12.36	30.1	1.08	0
01/03/2025 06:30	17.44	6.9	7.44	0.49	11.87	12.36	29.9	0.91	0
01/03/2025 07:00	17.35	6.93	7.15	0.49	11.87	12.36	30	1.08	0
01/03/2025 07:30	17.44	6.96	7.16	0.49	11.87	12.36	30	0.47	131.76
01/03/2025 08:00	17.42	7	7.87	0.49	11.87	12.36	30	0	126.88
01/03/2025 08:30	17.42	7.01	7.25	0.49	11.87	12.36	29.9	0	124.76
01/03/2025 09:00	17.42	7.04	7.16	0.49	11.87	12.36	30	57.8	116.05
01/03/2025 09:30	17.37	6.7	7.17	0.49	11.87	12.36	30.3	247.75	0
01/03/2025 10:00	17.42	6.76	7.17	0.53	11.77	12.3	30.6	227.95	0
01/03/2025 10:30	16.62	6.68	7.46	0.53	11.77	12.3	30.8	134.74	0
01/03/2025 11:00	16.62	6.66	7.56	0.53	11.77	12.3	31	141.48	0
01/03/2025 11:30	16.48	6.67	7.7	0.53	11.77	12.3	31.5	187.69	0
01/03/2025 12:00	16.53	6.66	7.16	0.53	11.77	12.3	31.2	75.7	0
01/03/2025 12:30	16.52	6.64	7.37	0.53	11.77	12.3	31.3	63.23	0
01/03/2025 13:00	16.46	6.63	7.17	0.53	11.77	12.3	31.4	66.07	0
01/03/2025 13:30	16.46	6.65	7.19	0.53	11.77	12.3	31.5	62.35	140.43
01/03/2025 14:00	16.35	6.68	7.92	0.53	11.77	12.3	31.8	19.43	135.85
01/03/2025 14:30	16.39	6.74	6.77	0.53	11.77	12.3	31.7	1.35	130.99

01/03/2025 15:00	16.41	6.78	7.62	0.53	11.77	12.3	31.6	522.31	128.42
01/03/2025 15:30	16.41	6.81	7.2	0.53	11.77	12.3	31.5	0	125.44
01/03/2025 16:00	16.42	6.84	7.15	0.47	12.02	12.49	31.4	0.01	120.8
01/03/2025 16:30	16.34	6.87	7.13	0.47	12.02	12.49	31.4	0	114.16
01/03/2025 17:00	16.38	6.9	7.15	0.47	12.02	12.49	31.2	0	113.64
01/03/2025 17:30	16.37	6.95	7.2	0.47	12.02	12.49	31.1	0	110.66
01/03/2025 18:00	16.38	6.98	8	0.47	12.02	12.49	31	0	104.67
01/03/2025 18:30	16.24	7	7.84	0.47	12.02	12.49	30.8	0	94.08
01/03/2025 19:00	16.27	7.03	7.15	0.47	12.02	12.49	30.7	0	93.11
01/03/2025 19:30	16.26	7.06	7.16	0.47	12.02	12.49	30.7	0	0
01/03/2025 20:00	16.3	7.09	7.15	0.47	12.02	12.49	30.6	0	0
01/03/2025 20:30	16.3	7.11	7.18	0.47	12.02	12.49	30.5	0	0
01/03/2025 21:00	16.21	7.13	7.94	0.47	12.02	12.49	30.4	0.08	0
01/03/2025 21:30	16.23	6.82	7.15	0.47	12.02	12.49	30.7	283.87	0
01/03/2025 22:00	15.99	6.78	7.23	0.41	12.11	12.52	31	242.29	0
01/03/2025 22:30	15.99	6.68	6.18	0.41	12.11	12.52	31	145.07	0
01/03/2025 23:00	15.98	6.65	7.31	0.41	12.11	12.52	31	243.86	0
01/03/2025 23:30	15.19	6.66	7.18	0.41	12.11	12.52	31	151.06	0
02/03/2025 00:00	15.26	6.64	7.97	0.41	12.11	12.52	30.8	78.5	0
02/03/2025 00:30	15.31	6.62	7.62	0.41	12.11	12.52	30.9	80.34	0
02/03/2025 01:00	15.29	6.62	7.61	0.41	12.11	12.52	30.8	76.67	0
02/03/2025 01:30	15.15	6.65	7.12	0.41	12.11	12.52	30.8	72.42	134.58
02/03/2025 02:00	15.18	6.69	7.63	0.41	12.11	12.52	30.7	32.05	126.78
02/03/2025 02:30	15.17	6.73	7.2	0.41	12.11	12.52	30.5	6.36	121.72
02/03/2025 03:00	15.22	6.77	7.52	0.41	12.11	12.52	30.6	3.65	112.69
02/03/2025 03:30	15.22	6.81	7.45	0.41	12.11	12.52	30.5	3.28	101.42
02/03/2025 04:00	15.17	6.84	7.19	0.4	11.78	12.18	30.5	3.26	85.67
02/03/2025 04:30	15.17	6.86	7.25	0.4	11.78	12.18	30.4	3.38	0
02/03/2025 05:00	15.22	6.9	7.15	0.4	11.78	12.18	30.1	1.52	0
02/03/2025 05:30	15.22	6.93	7.46	0.4	11.78	12.18	30.2	0.47	111.55
02/03/2025 06:00	15.23	6.96	7.36	0.4	11.78	12.18	30.1	0.44	96.62
02/03/2025 06:30	15.1	6.99	25.91	0.4	11.78	12.18	30.1	0.22	0
02/03/2025 07:00	15.11	7.01	7.57	0.4	11.78	12.18	30	0	0
02/03/2025 07:30	15.17	7.03	7.19	0.4	11.78	12.18	29.9	0	42.81

02/03/2025 08:00	15.15	7.06	7.62	0.4	11.78	12.18	29.9	0	43.63
02/03/2025 08:30	15.04	7.1	7.13	0.4	11.78	12.18	29.9	0	43.99
02/03/2025 09:00	15.12	6.85	7.2	0.4	11.78	12.18	30.2	155.46	42.55
02/03/2025 09:30	15.12	6.8	7.42	0.4	11.78	12.18	30.3	256.98	42.52
02/03/2025 10:00	15.11	6.86	7.33	0.51	11.7	12.21	30.8	165.04	41.47
02/03/2025 10:30	15.1	6.81	7.15	0.51	11.7	12.21	30.9	225.16	41.46
02/03/2025 11:00	15.91	6.79	7.26	0.51	11.7	12.21	30.9	150.75	41.99
02/03/2025 11:30	15.89	6.74	7.2	0.51	11.7	12.21	31	51.2	42.53
02/03/2025 12:00	15.92	6.75	7.52	0.51	11.7	12.21	31.2	17.97	126.2
02/03/2025 12:30	15.92	6.78	7.52	0.51	11.7	12.21	31.5	0.91	112.51
02/03/2025 13:00	15.95	6.84	7.39	0.51	11.7	12.21	31.4	0	111.44
02/03/2025 13:30	15.91	6.9	7.22	0.51	11.7	12.21	31.3	0	108.89
02/03/2025 14:00	15.95	6.95	7.72	0.51	11.7	12.21	31.3	0	100.03
02/03/2025 14:30	15.91	6.99	7.17	0.51	11.7	12.21	31.3	0	94.49
02/03/2025 15:00	15.91	7.03	7.52	0.51	11.7	12.21	31.3	0	77.54
02/03/2025 15:30	15.91	7.07	7.17	0.51	11.7	12.21	31.2	0	0
02/03/2025 16:00	15.89	7.11	7.54	0.5	11.92	12.42	31.1	0	0
02/03/2025 16:30	15.89	7.15	7.44	0.5	11.92	12.42	31	0	104.99
02/03/2025 17:00	15.95	7.16	7.18	0.5	11.92	12.42	30.9	0	95.22
02/03/2025 17:30	15.95	7.2	7.19	0.5	11.92	12.42	30.9	0	0
02/03/2025 18:00	15.81	6.95	7.14	0.5	11.92	12.42	30.9	28.55	0
02/03/2025 18:30	15.89	6.87	7.7	0.5	11.92	12.42	31	4.55	0
02/03/2025 19:00	15.83	6.88	7.35	0.5	11.92	12.42	31	9.83	92.51
02/03/2025 19:30	15.85	6.9	7.17	0.5	11.92	12.42	30.9	1.23	84.34
02/03/2025 20:00	15.85	6.91	7.15	0.5	11.92	12.42	30.8	23.44	75.58
02/03/2025 20:30	15.71	6.83	7.16	0.5	11.92	12.42	30.9	30.23	72.95
02/03/2025 21:00	15.81	6.83	7.21	0.5	11.92	12.42	30.9	7.9	0
02/03/2025 21:30	15.85	6.8	7.63	0.5	11.92	12.42	30.8	161.43	0
02/03/2025 22:00	15.83	6.72	15.86	0.38	12.02	12.4	30.9	267.17	96.28
02/03/2025 22:30	16.23	6.92	7.15	0.38	12.02	12.4	30.6	218.71	76.87
02/03/2025 23:00	16.21	6.86	7.12	0.38	12.02	12.4	30.7	221.55	0
02/03/2025 23:30	16.21	6.81	7.15	0.38	12.02	12.4	30.7	154.73	0
03/03/2025 00:00	16.27	6.78	7.49	0.38	12.02	12.4	30.7	82.34	0
03/03/2025 00:30	16.26	6.78	7.24	0.38	12.02	12.4	30.6	81.41	0

03/03/2025 01:00	16.11	6.8	7.65	0.38	12.02	12.4	30.4	10.54	88.07
03/03/2025 01:30	16.18	6.85	7.32	0.38	12.02	12.4	30.5	17.97	76.83
03/03/2025 02:00	16.23	6.83	7.61	0.38	12.02	12.4	30.5	17.87	0
03/03/2025 02:30	16.24	6.85	7.23	0.38	12.02	12.4	30.5	12.28	0
03/03/2025 03:00	16.24	6.85	7.56	0.38	12.02	12.4	30.4	10.2	0
03/03/2025 03:30	16.24	6.88	7.37	0.38	12.02	12.4	30.1	3.82	83.72
03/03/2025 04:00	16.11	6.9	7.55	0.48	12.07	12.56	30.3	2.91	75.95
03/03/2025 04:30	16.17	6.93	7.12	0.48	12.07	12.56	30.2	2.04	0
03/03/2025 05:00	16.15	6.9	7.59	0.48	12.07	12.56	30.2	31.24	0
03/03/2025 05:30	16.07	6.78	7.17	0.48	12.07	12.56	30.2	76.65	86.28
03/03/2025 06:00	16.11	6.8	8	0.48	12.07	12.56	29.9	37.37	75.89
03/03/2025 06:30	16.13	6.82	7.14	0.48	12.07	12.56	30.1	6.68	0
03/03/2025 07:00	16.15	6.85	7.14	0.48	12.07	12.56	30.1	9.97	0
03/03/2025 07:30	16.17	6.84	7.16	0.48	12.07	12.56	30.1	17.04	0
03/03/2025 08:00	16.09	6.84	7.26	0.48	12.07	12.56	30	8.51	89.24
03/03/2025 08:30	16.04	6.87	27.71	0.48	12.07	12.56	29.9	5.82	86.84
03/03/2025 09:00	16.18	6.91	7.16	0.48	12.07	12.56	30	2.98	85.83
03/03/2025 09:30	16.18	6.95	7.16	0.48	12.07	12.56	30	2.65	84.35
03/03/2025 10:00	16.18	7	7.56	0.76	11.83	12.6	30	0.74	80.32
03/03/2025 10:30	16.1	7.03	7.43	0.76	11.83	12.6	30.2	0	78.29
03/03/2025 11:00	16.14	7.06	7.15	0.76	11.83	12.6	30.8	22.93	0
03/03/2025 11:30	16.18	6.82	7.18	0.76	11.83	12.6	30.7	67.77	0
03/03/2025 12:00	16.2	6.88	7.13	0.76	11.83	12.6	30.7	223.97	89.92
03/03/2025 12:30	15.08	7.16	7.12	0.76	11.83	12.6	31.2	217.34	85.4
03/03/2025 13:00	14.89	6.95	1.5	0.76	11.83	12.6	31.4	84.91	83.56
03/03/2025 13:30	14.89	6.91	1.5	0.76	11.83	12.6	31.6	62.99	82.75
03/03/2025 14:00	14.93	6.92	1.5	0.76	11.83	12.6	31.3	1.2	83.61
03/03/2025 14:30	14.94	6.91	3.44	0.76	11.83	12.6	31.2	63.57	86.97
03/03/2025 15:00	14.79	6.9	7.77	0.76	11.83	12.6	31.3	59.15	89.26
03/03/2025 15:30	14.83	6.94	7.94	0.76	11.83	12.6	31.2	0	89.24
03/03/2025 16:00	14.8	6.99	1.5	0.53	12.02	12.55	31.2	14.79	85.49
03/03/2025 16:30	14.8	6.98	9.29	0.53	12.02	12.55	31.2	4.75	87.97
03/03/2025 17:00	14.8	7.03	1.5	0.53	12.02	12.55	31.1	0	89.47
03/03/2025 17:30	14.69	7.07	1.5	0.53	12.02	12.55	31	0	91.96

03/03/2025 18:00	14.75	7.1	1.5	0.53	12.02	12.55	30.9	0	93.14
03/03/2025 18:30	14.75	7.13	1.5	0.53	12.02	12.55	30.8	0	94.33
03/03/2025 19:00	14.75	7.17	1.5	0.53	12.02	12.55	30.7	0	95.47
03/03/2025 19:30	14.69	7.2	1.5	0.53	12.02	12.55	30.7	0	96.85
03/03/2025 20:00	14.66	7.23	1.5	0.53	12.02	12.55	30.6	0	97.09
03/03/2025 20:30	14.68	7.24	1.5	0.53	12.02	12.55	30.5	0	96.91
03/03/2025 21:00	14.69	7.27	1.5	0.53	12.02	12.55	30.4	0	97.59
03/03/2025 21:30	14.69	7.3	1.5	0.53	12.02	12.55	30.3	0	98.38
03/03/2025 22:00	14.63	7.32	1.5	0.56	12.1	12.65	30.2	0	97.88
03/03/2025 22:30	14.68	7.33	1.5	0.56	12.1	12.65	30.2	0	97.94
03/03/2025 23:00	14.78	7.34	1.5	0.56	12.1	12.65	30.1	0	99.01
03/03/2025 23:30	14.78	7.35	1.5	0.56	12.1	12.65	30	0	98.45
04/03/2025 00:00	14.78	7.01	3.87	0.56	12.1	12.65	30.3	247.96	0
04/03/2025 00:30	14.39	6.72	1.5	0.56	12.1	12.65	30.3	308.45	0
04/03/2025 01:00	14.79	6.66	1.5	0.56	12.1	12.65	30.3	272.21	0
04/03/2025 01:30	14.87	6.63	1.5	0.56	12.1	12.65	30.2	144.49	0
04/03/2025 02:00	14.86	6.61	1.5	0.56	12.1	12.65	30.1	83.39	0
04/03/2025 02:30	14.8	6.6	1.5	0.56	12.1	12.65	30.2	78.45	0
04/03/2025 03:00	14.89	6.6	1.5	0.56	12.1	12.65	30.2	76.7	0
04/03/2025 03:30	14.87	6.61	1.5	0.56	12.1	12.65	30.2	74.37	0
04/03/2025 04:00	14.86	6.63	1.5	0.51	11.99	12.5	30	28.97	0
04/03/2025 04:30	14.89	6.67	1.5	0.51	11.99	12.5	30	9.41	0
04/03/2025 05:00	14.85	6.71	1.5	0.51	11.99	12.5	30	6.21	0
04/03/2025 05:30	14.8	6.74	1.5	0.51	11.99	12.5	30	4.16	108.53
04/03/2025 06:00	14.9	6.76	1.5	0.51	11.99	12.5	29.9	3.26	101.2
04/03/2025 06:30	14.89	6.78	1.5	0.51	11.99	12.5	29.8	2.81	100.39
04/03/2025 07:00	14.89	6.81	1.5	0.51	11.99	12.5	29.7	1.86	100.07
04/03/2025 07:30	14.83	6.83	1.5	0.51	11.99	12.5	29.8	2.98	99.21
04/03/2025 08:00	14.86	6.86	1.5	0.51	11.99	12.5	29.8	2.72	98.29
04/03/2025 08:30	14.83	6.89	1.5	0.51	11.99	12.5	29.8	2.16	100.31
04/03/2025 09:00	14.82	6.91	1.5	0.51	11.99	12.5	29.8	1.25	97.91
04/03/2025 09:30	14.86	6.94	1.5	0.51	11.99	12.5	29.9	0	92.21
04/03/2025 10:00	14.86	6.97	1.5	0.61	11.95	12.56	29.9	0	90.5
04/03/2025 10:30	14.85	6.99	1.5	0.61	11.95	12.56	30	0	95.78

04/03/2025 11:00	14.86	7.04	1.5	0.61	11.95	12.56	30.2	0	97.4
04/03/2025 11:30	14.85	7.06	1.5	0.61	11.95	12.56	30.5	0	98.03
04/03/2025 12:00	14.83	7.11	1.5	0.61	11.95	12.56	30.7	0	101.31
04/03/2025 12:30	14.94	7.17	1.5	0.61	11.95	12.56	30.6	0	102.34
04/03/2025 13:00	14.89	7.21	1.5	0.61	11.95	12.56	30.6	0	97.33
04/03/2025 13:30	14.87	7.25	1.5	0.61	11.95	12.56	30.6	0	0
04/03/2025 14:00	14.87	7.05	1.5	0.61	11.95	12.56	30.7	275.99	0
04/03/2025 14:30	14.78	6.94	1.5	0.61	11.95	12.56	31	230.88	0
04/03/2025 15:00	15.47	6.81	1.5	0.61	11.95	12.56	31.1	183.71	0
04/03/2025 15:30	15.36	6.77	1.5	0.61	11.95	12.56	31.1	182.96	0
04/03/2025 16:00	15.39	6.76	1.5	0.55	11.94	12.48	31.1	107.61	0
04/03/2025 16:30	15.42	6.76	1.5	0.55	11.94	12.48	31.2	78.11	0
04/03/2025 17:00	15.39	6.78	1.5	0.55	11.94	12.48	31.1	10.88	0
04/03/2025 17:30	15.4	6.83	1.5	0.55	11.94	12.48	31	5.94	0
04/03/2025 18:00	15.43	6.86	1.5	0.55	11.94	12.48	30.9	21.34	113.07
04/03/2025 18:30	15.43	6.8	1.5	0.55	11.94	12.48	31	68.87	110.05
04/03/2025 19:00	15.36	6.8	1.5	0.55	11.94	12.48	30.8	37.51	106.21
04/03/2025 19:30	15.36	6.84	1.5	0.55	11.94	12.48	30.8	6.24	106
04/03/2025 20:00	15.4	6.87	1.5	0.55	11.94	12.48	30.8	10.95	104.88
04/03/2025 20:30	15.4	6.86	1.5	0.55	11.94	12.48	30.8	18.95	103.89
04/03/2025 21:00	15.38	6.87	1.5	0.55	11.94	12.48	30.8	6.19	103.12
04/03/2025 21:30	15.31	6.89	1.5	0.55	11.94	12.48	30.6	4.21	102.59
04/03/2025 22:00	15.31	6.92	1.5	0.63	12.05	12.68	30.6	3.84	103.2
04/03/2025 22:30	15.29	6.95	1.5	0.63	12.05	12.68	30.5	0	103.3
04/03/2025 23:00	15.29	6.99	1.5	0.63	12.05	12.68	30.5	0	102.39
04/03/2025 23:30	15.23	7.01	1.5	0.63	12.05	12.68	30.4	0	103.03
05/03/2025 00:00	15.34	7.03	1.5	0.63	12.05	12.68	30.3	0	101.77
05/03/2025 00:30	15.34	7.06	1.5	0.63	12.05	12.68	30.2	0	101.64
05/03/2025 01:00	15.32	7.1	1.5	0.63	12.05	12.68	30.2	0	100.76
05/03/2025 01:30	15.34	7.12	1.5	0.63	12.05	12.68	30.1	0	99.92
05/03/2025 02:00	15.31	7.14	1.5	0.63	12.05	12.68	30	0	98.64
05/03/2025 02:30	15.28	7.14	1.5	0.63	12.05	12.68	29.9	0	97.54
05/03/2025 03:00	15.35	7.16	1.5	0.63	12.05	12.68	29.8	0	0
05/03/2025 03:30	15.35	7.18	1.5	0.63	12.05	12.68	29.8	0	0

05/03/2025 04:00	15.36	7.2	1.5	0.46	11.85	12.31	29.8	0	0
05/03/2025 04:30	15.26	7.21	1.5	0.46	11.85	12.31	29.7	0	0
05/03/2025 05:00	15.35	7.21	1.5	0.46	11.85	12.31	29.6	0	0
05/03/2025 05:30	15.34	7.23	1.5	0.46	11.85	12.31	29.5	0	0
05/03/2025 06:00	15.35	7.24	1.5	0.46	11.85	12.31	29.5	0	0
05/03/2025 06:30	15.18	6.81	1.5	0.46	11.85	12.31	30.1	222.64	0
05/03/2025 07:00	15.1	6.64	1.5	0.46	11.85	12.31	30.1	171.42	0
05/03/2025 07:30	15.1	6.6	1.5	0.46	11.85	12.31	30.1	100.99	0
05/03/2025 08:00	15.15	6.6	1.5	0.46	11.85	12.31	30.2	76.79	0
05/03/2025 08:30	15.12	6.6	1.5	0.46	11.85	12.31	30.3	249.58	0
05/03/2025 09:00	14.99	6.6	1.5	0.46	11.85	12.31	30.3	161.45	0
05/03/2025 09:30	15.07	6.6	1.5	0.46	11.85	12.31	30.4	79.06	0
05/03/2025 10:00	15.06	6.6	1.5	0.4	11.76	12.16	30.5	69.54	105.05
05/03/2025 10:30	15.06	6.6	1.5	0.4	11.76	12.16	30.8	4.09	101.7
05/03/2025 11:00	15.06	6.6	1.5	0.4	11.76	12.16	30.8	0.25	99.44
05/03/2025 11:30	15	6.6	1.5	0.4	11.76	12.16	30.8	0	98.61
05/03/2025 12:00	15.03	6.6	1.5	0.4	11.76	12.16	30.8	0	97.85
05/03/2025 12:30	15.03	6.6	1.5	0.4	11.76	12.16	31	64.99	97.66
05/03/2025 13:00	15.01	6.6	1.5	0.4	11.76	12.16	31.2	64.67	96.45
05/03/2025 13:30	14.99	6.6	1.5	0.4	11.76	12.16	31	4.28	96.94
05/03/2025 14:00	14.99	6.6	1.5	0.4	11.76	12.16	30.9	1.42	97.85
05/03/2025 14:30	14.97	6.63	1.5	0.4	11.76	12.16	31	0.08	98.89
05/03/2025 15:00	15	6.66	1.5	0.4	11.76	12.16	31	0	98.12
05/03/2025 15:30	15.01	6.69	1.5	0.4	11.76	12.16	31.1	0.2	98.37
05/03/2025 16:00	14.93	6.73	1.5	0.48	12.23	12.72	30.9	0.15	97.65
05/03/2025 16:30	14.93	6.77	1.5	0.48	12.23	12.72	30.9	0.03	96.91
05/03/2025 17:00	14.99	6.8	1.5	0.48	12.23	12.72	30.8	0	99.91
05/03/2025 17:30	14.99	6.82	1.5	0.48	12.23	12.72	30.7	0	99.46
05/03/2025 18:00	14.99	6.86	1.5	0.48	12.23	12.72	30.6	0	0
05/03/2025 18:30	14.87	6.84	1.5	0.48	12.23	12.72	30.5	44.78	0
05/03/2025 19:00	14.82	6.6	1.5	0.48	12.23	12.72	30.7	266.97	0
05/03/2025 19:30	14.96	6.62	1.5	0.48	12.23	12.72	31	222.74	0
05/03/2025 20:00	14.93	6.6	1.5	0.48	12.23	12.72	30.9	145.88	0
05/03/2025 20:30	14.76	6.6	1.5	0.48	12.23	12.72	30.9	165.77	0

05/03/2025 21:00	14.83	6.6	1.5	0.48	12.23	12.72	30.9	204.78	0
05/03/2025 21:30	14.83	6.6	1.5	0.48	12.23	12.72	30.9	100.13	0
05/03/2025 22:00	14.87	6.6	1.5	0.49	11.87	12.36	30.9	82.93	0
05/03/2025 22:30	14.86	6.6	1.5	0.49	11.87	12.36	30.8	78.45	107.61
05/03/2025 23:00	14.82	6.6	1.5	0.49	11.87	12.36	30.7	75.59	104.29
05/03/2025 23:30	14.85	6.6	1.5	0.49	11.87	12.36	30.7	28.92	103.6
06/03/2025 00:00	14.83	6.6	1.5	0.49	11.87	12.36	30.7	8.29	102.44
06/03/2025 00:30	14.83	6.63	1.5	0.49	11.87	12.36	30.7	5.12	101.95
06/03/2025 01:00	14.82	6.65	1.5	0.49	11.87	12.36	30.5	3.45	100.71
06/03/2025 01:30	14.72	6.69	1.5	0.49	11.87	12.36	30.4	2.77	104.49
06/03/2025 02:00	14.76	6.72	1.5	0.49	11.87	12.36	30.4	2.6	103.84
06/03/2025 02:30	14.82	6.75	1.5	0.49	11.87	12.36	30.4	2.28	103.56
06/03/2025 03:00	14.82	6.78	1.5	0.49	11.87	12.36	30.3	2.42	103.59
06/03/2025 03:30	14.72	6.8	1.5	0.49	11.87	12.36	30.1	1.35	0
06/03/2025 04:00	14.72	6.83	1.5	0.53	11.85	12.38	30	0	0
06/03/2025 04:30	14.69	6.85	1.5	0.53	11.85	12.38	30.1	0	0
06/03/2025 05:00	14.78	6.89	1.5	0.53	11.85	12.38	30.1	0	0
06/03/2025 05:30	14.78	6.91	1.5	0.53	11.85	12.38	30	0	0
06/03/2025 06:00	14.76	6.92	1.5	0.53	11.85	12.38	29.9	0	0
06/03/2025 06:30	14.82	6.94	1.5	0.53	11.85	12.38	29.8	0	113.49
06/03/2025 07:00	14.78	6.65	1.5	0.53	11.85	12.38	30.1	240.34	111.22
06/03/2025 07:30	14.79	6.65	1.5	0.53	11.85	12.38	30.3	234.62	107.77
06/03/2025 08:00	14.78	6.6	1.5	0.53	11.85	12.38	30.5	174.11	101.92
06/03/2025 08:30	15.93	6.6	1.5	0.53	11.85	12.38	30.5	227.21	107.69
06/03/2025 09:00	15.83	6.6	1.5	0.53	11.85	12.38	30.6	160.13	104.2
06/03/2025 09:30	15.88	6.6	1.5	0.53	11.85	12.38	30.7	113.31	0
06/03/2025 10:00	15.88	6.6	1.5	0.59	12.03	12.62	30.7	9.04	111.22
06/03/2025 10:30	15.91	6.6	1.5	0.59	12.03	12.62	30.8	1.79	111.45
06/03/2025 11:00	15.93	6.6	1.5	0.59	12.03	12.62	31	0.18	111.66
06/03/2025 11:30	15.92	6.6	1.5	0.59	12.03	12.62	31.4	0	112.6
06/03/2025 12:00	15.95	6.6	1.5	0.59	12.03	12.62	31.1	0	111.1
06/03/2025 12:30	15.95	6.6	1.5	0.59	12.03	12.62	31	15.4	108.92
06/03/2025 13:00	15.88	6.6	1.5	0.59	12.03	12.62	31.5	26.38	102.3
06/03/2025 13:30	15.91	6.6	1.5	0.59	12.03	12.62	31.6	20.9	99.31

06/03/2025 14:00	15.81	6.6	1.5	0.59	12.03	12.62	31.7	0	99.89
06/03/2025 14:30	15.82	6.6	1.5	0.59	12.03	12.62	31.4	10.86	148.43
06/03/2025 15:00	15.82	6.6	1.5	0.59	12.03	12.62	31.3	4.35	142.74
06/03/2025 15:30	15.89	6.61	1.5	0.59	12.03	12.62	31.3	0	139.39
06/03/2025 16:00	15.86	6.64	1.5	0.65	11.95	12.6	31.4	0	137.98
06/03/2025 16:30	15.83	6.68	1.5	0.65	11.95	12.6	31.3	0	0
06/03/2025 17:00	15.83	6.72	1.5	0.65	11.95	12.6	31.2	0	0
06/03/2025 17:30	15.81	6.76	1.5	0.65	11.95	12.6	31.1	0	0
06/03/2025 18:00	15.83	6.6	1.5	0.65	11.95	12.6	31.1	209.7	0
06/03/2025 18:30	15.83	6.62	1.5	0.65	11.95	12.6	31.1	190.48	0
06/03/2025 19:00	15.88	6.72	1.5	0.65	11.95	12.6	31.3	126.16	0
06/03/2025 19:30	15.88	6.66	6.16	0.65	11.95	12.6	31.3	112.72	0
06/03/2025 20:00	15.74	6.63	9.38	0.65	11.95	12.6	31.4	264.05	0
06/03/2025 20:30	15.72	6.6	7.17	0.65	11.95	12.6	31.3	85.37	154.75
06/03/2025 21:00	15.89	6.6	7.17	0.65	11.95	12.6	31.2	62.37	151.4
06/03/2025 21:30	15.91	6.6	7.23	0.65	11.95	12.6	31.1	60.08	143.49
06/03/2025 22:00	15.88	6.62	7.2	0.62	11.91	12.53	31.2	9.71	138.54
06/03/2025 22:30	15.83	6.65	7.78	0.62	11.91	12.53	31.1	5.65	135.71
06/03/2025 23:00	14.01	6.71	7.76	0.62	11.91	12.53	30.9	0	134.56
06/03/2025 23:30	11.99	6.73	7.53	0.62	11.91	12.53	30.8	0	134.26
07/03/2025 00:00	11.96	6.76	7.16	0.62	11.91	12.53	30.6	0	129.79
07/03/2025 00:30	10.15	6.8	7.24	0.62	11.91	12.53	30.7	3.65	124.2
07/03/2025 01:00	8.51	6.82	7.21	0.62	11.91	12.53	30.6	3.28	119.7
07/03/2025 01:30	8.53	6.84	7.14	0.62	11.91	12.53	30.5	1.13	116.07
07/03/2025 02:00	7.96	6.86	12.32	0.62	11.91	12.53	30.4	0	115.48
07/03/2025 02:30	7.96	6.89	4.61	0.62	11.91	12.53	30.2	0	0
07/03/2025 03:00	7.72	6.92	8	0.62	11.91	12.53	30.3	0	0
07/03/2025 03:30	7.71	6.94	7.19	0.62	11.91	12.53	30.2	0	0
07/03/2025 04:00	7.68	6.97	7.49	0.49	11.81	12.3	30.2	0	0
07/03/2025 04:30	7.68	6.98	7.2	0.49	11.81	12.3	30	0	0
07/03/2025 05:00	7.68	7	7.3	0.49	11.81	12.3	29.9	0	0
07/03/2025 05:30	7.67	7.02	7.09	0.49	11.81	12.3	29.9	0	0
07/03/2025 06:00	7.64	7.03	7.17	0.49	11.81	12.3	29.9	0	0
07/03/2025 06:30	7.65	7.04	7.15	0.49	11.81	12.3	29.8	0	0

07/03/2025 07:00	7.64	7.05	22.02	0.49	11.81	12.3	29.7	0	0
07/03/2025 07:30	7.61	7.07	13.81	0.49	11.81	12.3	29.7	0	0
07/03/2025 08:00	7.67	7.1	22.18	0.49	11.81	12.3	29.7	0	0
07/03/2025 08:30	7.68	7	23.03	0.49	11.81	12.3	29.9	7.83	0
07/03/2025 09:00	7.75	6.88	21.96	0.49	11.81	12.3	30.1	6.97	0
07/03/2025 09:30	7.76	6.85	19.84	0.49	11.81	12.3	30.2	195.37	0
07/03/2025 10:00	12.11	6.68	7.34	0.5	12.04	12.54	30.7	241.27	0
07/03/2025 10:30	16.55	6.94	7.11	0.5	12.04	12.54	31.1	219.2	0
07/03/2025 11:00	17.05	6.94	7.5	0.5	12.04	12.54	31.4	211.45	0
07/03/2025 11:30	17.03	6.95	7.17	0.5	12.04	12.54	31.5	207.81	0
07/03/2025 12:00	17.03	6.86	7.12	0.5	12.04	12.54	31.7	86.54	0
07/03/2025 12:30	16.91	6.84	7.67	0.5	12.04	12.54	32	14.99	152.91
07/03/2025 13:00	16.92	6.9	7.17	0.5	12.04	12.54	31.8	2.45	151.15
07/03/2025 13:30	16.92	6.93	7.75	0.5	12.04	12.54	31.8	1.03	142.28
07/03/2025 14:00	16.94	6.96	7.56	0.5	12.04	12.54	31.7	0	138.31
07/03/2025 14:30	16.87	6.97	7.22	0.5	12.04	12.54	31.8	0.22	135.22
07/03/2025 15:00	16.9	7.01	7.17	0.5	12.04	12.54	31.6	0	132.18
07/03/2025 15:30	16.9	6.97	7.64	0.5	12.04	12.54	31.6	61.03	125.9
07/03/2025 16:00	16.88	6.89	7.38	0.59	12.06	12.65	31.6	69.48	119.7
07/03/2025 16:30	16.9	6.91	7.18	0.59	12.06	12.65	31.6	57.54	115.97
07/03/2025 17:00	16.77	6.95	7.14	0.59	12.06	12.65	31.4	1.91	112.03
07/03/2025 17:30	16.84	6.99	7.2	0.59	12.06	12.65	31.3	0	120.09
07/03/2025 18:00	16.78	7.03	7.17	0.59	12.06	12.65	31.4	0	123.85
07/03/2025 18:30	16.78	7.07	7.62	0.59	12.06	12.65	31.3	0	0
07/03/2025 19:00	16.8	7.09	7.18	0.59	12.06	12.65	31.2	0	0
07/03/2025 19:30	16.71	7.11	7.86	0.59	12.06	12.65	31	0	0
07/03/2025 20:00	16.75	7.15	29.68	0.59	12.06	12.65	30.9	0	0
07/03/2025 20:30	16.74	7.19	5.26	0.59	12.06	12.65	30.9	0	0
07/03/2025 21:00	16.74	6.93	4.48	0.59	12.06	12.65	31.2	245.94	0
07/03/2025 21:30	17.19	6.92	9.72	0.59	12.06	12.65	31.2	198.33	0
07/03/2025 22:00	17.62	6.81	7.71	0.45	12.3	12.75	31.2	250.6	0
07/03/2025 22:30	17.63	6.77	7.11	0.45	12.3	12.75	31.1	211.99	0
07/03/2025 23:00	17.61	6.7	17.08	0.45	12.3	12.75	31.2	93.49	0
07/03/2025 23:30	17.61	6.69	11.83	0.45	12.3	12.75	31.2	74.2	0

08/03/2025 00:00	17.51	6.69	16.46	0.45	12.3	12.75	31.2	71.73	0
08/03/2025 00:30	17.54	6.69	13.72	0.45	12.3	12.75	31	66.31	0
08/03/2025 01:00	17.61	6.73	18.06	0.45	12.3	12.75	30.9	45.02	0
08/03/2025 01:30	17.62	6.76	17.08	0.45	12.3	12.75	31	4.38	0
08/03/2025 02:00	17.62	6.79	17.12	0.45	12.3	12.75	30.9	2.11	169.55
08/03/2025 02:30	17.51	6.83	19.53	0.45	12.3	12.75	30.8	2.04	148.58
08/03/2025 03:00	17.56	6.84	16.6	0.45	12.3	12.75	30.7	2.2	140.2
08/03/2025 03:30	17.58	6.88	16.29	0.45	12.3	12.75	30.5	1.47	133.19
08/03/2025 04:00	17.56	6.91	21.62	0.52	11.9	12.42	30.6	1.47	126.95
08/03/2025 04:30	17.51	6.94	14.47	0.52	11.9	12.42	30.5	0.55	120.25
08/03/2025 05:00	17.52	6.96	14.87	0.52	11.9	12.42	30.5	0.57	113.69
08/03/2025 05:30	17.54	6.98	16.29	0.52	11.9	12.42	30.3	0	76.11
08/03/2025 06:00	17.55	7.01	19.69	0.52	11.9	12.42	30.2	0	85.86
08/03/2025 06:30	17.55	7.04	7.16	0.52	11.9	12.42	30.3	0	87.52
08/03/2025 07:00	17.44	7.07	7.98	0.52	11.9	12.42	30.2	0	75.89
08/03/2025 07:30	17.44	7.1	7.34	0.52	11.9	12.42	30.2	0	79.9
08/03/2025 08:00	17.54	7.1	7.25	0.52	11.9	12.42	30.1	0	107.57
08/03/2025 08:30	17.54	7.13	7.15	0.52	11.9	12.42	30.1	0	116.49
08/03/2025 09:00	17.52	7.17	7.17	0.52	11.9	12.42	30.1	0	120.88
08/03/2025 09:30	17.44	7.2	7.23	0.52	11.9	12.42	30.1	0	117.54
08/03/2025 10:00	17.47	7.22	7.54	0.48	12.01	12.49	30.1	9.46	0
08/03/2025 10:30	17.45	6.76	7.14	0.48	12.01	12.49	30.8	216.7	0
08/03/2025 11:00	17.45	6.93	7.83	0.48	12.01	12.49	31	215.09	0
08/03/2025 11:30	17.24	6.85	7.46	0.48	12.01	12.49	31.2	266.61	0
08/03/2025 12:00	17.22	6.79	7.87	0.48	12.01	12.49	31.3	214.55	0
08/03/2025 12:30	17.24	6.75	7.19	0.48	12.01	12.49	31.3	136.35	0
08/03/2025 13:00	17.34	6.73	7.2	0.48	12.01	12.49	31.4	59	0
08/03/2025 13:30	17.31	6.75	7.67	0.48	12.01	12.49	31.8	36.01	0
08/03/2025 14:00	17.26	6.79	7.38	0.48	12.01	12.49	31.6	0.37	150.02
08/03/2025 14:30	17.3	6.84	7.17	0.48	12.01	12.49	31.5	0	144.8
08/03/2025 15:00	17.29	6.89	7.21	0.48	12.01	12.49	31.5	1.27	139.19
08/03/2025 15:30	17.29	6.86	7.15	0.48	12.01	12.49	31.7	27.4	137.5
08/03/2025 16:00	17.3	6.82	7.23	0.57	12.02	12.59	31.9	29.02	135.95
08/03/2025 16:30	17.26	6.8	7.32	0.57	12.02	12.59	31.7	28.35	134.17

08/03/2025 17:00	17.18	6.79	7.21	0.57	12.02	12.59	31.7	27.38	133.69
08/03/2025 17:30	17.37	6.8	7.18	0.57	12.02	12.59	31.5	1.57	132.66
08/03/2025 18:00	17.34	6.83	7.2	0.57	12.02	12.59	31.5	0	130.94
08/03/2025 18:30	17.23	6.87	7.3	0.57	12.02	12.59	31.4	0	130.71
08/03/2025 19:00	17.29	6.92	7.17	0.57	12.02	12.59	31.3	0	124.28
08/03/2025 19:30	17.27	6.97	7.52	0.57	12.02	12.59	31.2	0	115.44
08/03/2025 20:00	17.27	7.01	7.29	0.57	12.02	12.59	31.2	0	0
08/03/2025 20:30	17.26	7.04	7.15	0.57	12.02	12.59	31	0	0
08/03/2025 21:00	17.24	7.08	7.14	0.57	12.02	12.59	30.9	0	0
08/03/2025 21:30	17.24	7.01	7.32	0.57	12.02	12.59	30.9	41.63	0
08/03/2025 22:00	17.26	6.77	7.15	0.7	11.9	12.6	31.3	241.22	0
08/03/2025 22:30	17.23	6.86	7.21	0.7	11.9	12.6	31.3	187.36	0
08/03/2025 23:00	17.26	6.81	7.2	0.7	11.9	12.6	31.2	198.99	0
08/03/2025 23:30	17.63	6.79	7.35	0.7	11.9	12.6	31.2	177.09	0
09/03/2025 00:00	17.67	6.74	7.12	0.7	11.9	12.6	31.2	107.34	0
09/03/2025 00:30	17.66	6.7	7.23	0.7	11.9	12.6	31.2	68.8	0
09/03/2025 01:00	17.66	6.71	7.83	0.7	11.9	12.6	31.2	42.87	0
09/03/2025 01:30	17.62	6.73	7.21	0.7	11.9	12.6	31	10.05	149.86
09/03/2025 02:00	17.73	6.77	7.21	0.7	11.9	12.6	30.8	4.63	140.99
09/03/2025 02:30	17.72	6.74	7.17	0.7	11.9	12.6	31	43.24	131.75
09/03/2025 03:00	17.59	6.72	7.17	0.7	11.9	12.6	31	41.5	128.72
09/03/2025 03:30	17.59	6.74	7.15	0.7	11.9	12.6	30.9	7.58	118.5
09/03/2025 04:00	17.56	6.77	7.26	0.5	11.9	12.4	30.7	2.93	109.24
09/03/2025 04:30	17.67	6.8	7.87	0.5	11.9	12.4	30.6	1.86	100.88
09/03/2025 05:00	17.67	6.84	7.54	0.5	11.9	12.4	30.6	2.08	80.41
09/03/2025 05:30	17.69	6.86	7.39	0.5	11.9	12.4	30.6	19.6	0
09/03/2025 06:00	17.67	6.71	7.82	0.5	11.9	12.4	30.7	43.26	0
09/03/2025 06:30	17.52	6.69	7.16	0.5	11.9	12.4	30.6	32.29	120.09
09/03/2025 07:00	17.55	6.71	7.68	0.5	11.9	12.4	30.5	4.79	109.39
09/03/2025 07:30	17.51	6.76	7.17	0.5	11.9	12.4	30.5	6.63	108.96
09/03/2025 08:00	17.51	6.79	7.17	0.5	11.9	12.4	30.5	1.64	104.94
09/03/2025 08:30	17.5	6.83	7.78	0.5	11.9	12.4	30.5	0	0
09/03/2025 09:00	17.65	6.86	8	0.5	11.9	12.4	30.5	0	0
09/03/2025 09:30	17.65	6.79	7.11	0.5	11.9	12.4	30.6	178.46	0

09/03/2025 10:00	17.51	6.78	7.17	0.66	12.08	12.74	30.8	252.95	0
09/03/2025 10:30	17.51	6.63	7.26	0.66	12.08	12.74	31	244.91	0
09/03/2025 11:00	17.91	6.6	7.34	0.66	12.08	12.74	31.1	253.98	0
09/03/2025 12:00	17.87	6.6	7.14	0.66	12.08	12.74	31.4	77.8	0
09/03/2025 12:30	17.89	6.6	7.39	0.66	12.08	12.74	31.3	72.62	0
09/03/2025 13:00	17.87	6.6	7.19	0.66	12.08	12.74	31.3	66.92	0
09/03/2025 13:30	17.84	6.6	7.18	0.66	12.08	12.74	31.3	66.53	143.6
09/03/2025 14:00	17.91	6.6	7.25	0.66	12.08	12.74	31.3	25.45	137.48
09/03/2025 14:30	17.79	6.65	7.35	0.66	12.08	12.74	31.3	4.11	129.89
09/03/2025 15:00	17.79	6.7	7.28	0.66	12.08	12.74	31.2	2.11	115.45
09/03/2025 15:30	17.7	6.75	7.15	0.66	12.08	12.74	31.1	0	106.51
09/03/2025 16:00	17.78	6.8	7.25	0.59	12.12	12.7	31.1	0	96.39
09/03/2025 16:30	17.8	6.83	7.24	0.59	12.12	12.7	31	0	97.39
09/03/2025 17:00	17.78	6.88	7.4	0.59	12.12	12.7	31	0	98.44
09/03/2025 17:30	17.76	6.93	7.45	0.59	12.12	12.7	30.9	0	84.47
09/03/2025 18:00	17.66	6.98	7.19	0.59	12.12	12.7	30.8	0	53.97
09/03/2025 18:30	17.72	7.02	7.22	0.59	12.12	12.7	30.7	0	71.03
09/03/2025 19:00	17.65	7.04	7.28	0.59	12.12	12.7	30.6	0	0
09/03/2025 19:30	17.65	7.07	7.15	0.59	12.12	12.7	30.6	0	0
09/03/2025 20:00	17.65	7.11	7.15	0.59	12.12	12.7	30.6	0	0
09/03/2025 20:30	17.58	7.14	7.14	0.59	12.12	12.7	30.5	0	0
09/03/2025 21:00	17.7	7.16	7.23	0.59	12.12	12.7	30.5	0	143.8
09/03/2025 21:30	17.69	7.16	7.74	0.59	12.12	12.7	30.4	0	133.49
09/03/2025 22:00	17.69	6.85	7.48	0.37	11.96	12.33	30.5	208.23	125.84
09/03/2025 22:30	17.13	6.77	7.15	0.37	11.96	12.33	30.8	266.29	113.59
09/03/2025 23:00	16.7	6.71	7.77	0.37	11.96	12.33	30.9	123.87	0
09/03/2025 23:30	16.7	6.67	7.48	0.37	11.96	12.33	30.9	232.79	0
10/03/2025 00:00	16.8	6.67	7.45	0.37	11.96	12.33	30.8	118.37	0
10/03/2025 00:30	16.77	6.64	7.21	0.37	11.96	12.33	30.7	78.68	0
10/03/2025 01:00	16.7	6.62	7.24	0.37	11.96	12.33	30.8	78.89	0
10/03/2025 01:30	16.8	6.63	7.54	0.37	11.96	12.33	30.8	76.28	0
10/03/2025 02:00	16.64	6.68	7.85	0.37	11.96	12.33	30.7	72.22	136.96
10/03/2025 02:30	16.64	6.71	7.19	0.37	11.96	12.33	30.6	21	120.51
10/03/2025 03:00	16.64	6.75	7.81	0.37	11.96	12.33	30.5	5.87	0

10/03/2025 03:30	16.63	6.79	7.87	0.37	11.96	12.33	30.6	2.65	0
10/03/2025 04:00	16.58	6.83	7.17	0.48	12.12	12.6	30.5	2.86	0
10/03/2025 04:30	16.62	6.86	7.77	0.48	12.12	12.6	30.5	2.42	130.73
10/03/2025 05:00	16.6	6.88	7.19	0.48	12.12	12.6	30.3	2.01	109.82
10/03/2025 05:30	16.48	6.91	7.16	0.48	12.12	12.6	30.1	0.81	0
10/03/2025 06:00	16.58	6.94	7.19	0.48	12.12	12.6	30.2	0.3	0
10/03/2025 06:30	16.59	6.97	7.23	0.48	12.12	12.6	30.2	0.93	0
10/03/2025 07:00	16.56	7	7.18	0.48	12.12	12.6	30.1	0.62	115.09
10/03/2025 07:30	16.56	7.01	7.22	0.48	12.12	12.6	30	0	0
10/03/2025 08:00	16.46	7.09	1.57	0.48	12.12	12.6	29.6	0	0
10/03/2025 08:30	16.48	7.08	7.15	0.48	12.12	12.6	30.1	12.44	127.28
10/03/2025 09:00	16.53	6.74	7.15	0.48	12.12	12.6	30.4	251.85	113.62
10/03/2025 09:30	16.53	6.86	7.17	0.48	12.12	12.6	30.6	213.36	107.6
10/03/2025 10:00	16.56	6.78	7.64	0.53	12.01	12.54	30.8	130.41	0
10/03/2025 10:30	14.93	6.76	7.72	0.53	12.01	12.54	31.2	235.42	134.42
10/03/2025 11:00	14.94	6.69	7.15	0.53	12.01	12.54	31.1	135.2	124.71
10/03/2025 11:30	14.97	6.68	7.61	0.53	12.01	12.54	31.1	67.38	113.82
10/03/2025 12:00	14.97	6.68	7.19	0.53	12.01	12.54	31.2	56.48	87.56
10/03/2025 12:30	14.86	6.7	7.15	0.53	12.01	12.54	31.4	61.96	0
10/03/2025 13:00	14.93	6.71	7.13	0.53	12.01	12.54	31.5	1.96	131.29
10/03/2025 13:30	14.97	6.78	7.14	0.53	12.01	12.54	31.4	0	118.89
10/03/2025 14:00	14.94	6.83	7.2	0.53	12.01	12.54	31.4	0	114.58
10/03/2025 14:30	14.94	6.84	7.13	0.53	12.01	12.54	31.3	0.55	116.85
10/03/2025 15:00	14.8	6.87	7.28	0.53	12.01	12.54	31.4	0	114.37
10/03/2025 15:30	14.87	6.91	7.17	0.53	12.01	12.54	31.4	0	107.67
10/03/2025 16:00	14.93	6.97	7.73	0.62	12.24	12.85	31.3	0	0
10/03/2025 16:30	14.93	7.01	7.18	0.62	12.24	12.85	31.2	0	0
10/03/2025 17:00	14.93	7.04	7.18	0.62	12.24	12.85	31.2	1.84	123.77
10/03/2025 17:30	14.83	7.05	7.18	0.62	12.24	12.85	31	0	103.9
10/03/2025 18:00	14.87	7.08	7.45	0.62	12.24	12.85	30.9	0	0
10/03/2025 18:30	14.85	7.11	7.67	0.62	12.24	12.85	30.9	0	132.51
10/03/2025 19:00	14.85	7.15	7.46	0.62	12.24	12.85	30.8	0	126.69
10/03/2025 19:30	14.79	7.17	7.21	0.62	12.24	12.85	30.8	0	120.69
10/03/2025 20:00	14.85	7.16	7.47	0.62	12.24	12.85	30.7	114.77	111.91

10/03/2025 20:30	14.83	6.81	7.28	0.62	12.24	12.85	31	280.23	109.23
10/03/2025 21:00	15.08	6.6	7.18	0.62	12.24	12.85	31	188.9	0
10/03/2025 21:30	15.06	6.6	7.26	0.62	12.24	12.85	31	268.42	0
10/03/2025 22:00	16.26	6.6	7.17	0.71	11.89	12.6	31	223.01	0
10/03/2025 22:30	16.24	6.6	7.18	0.71	11.89	12.6	30.9	93.63	0
10/03/2025 23:00	16.13	6.6	22.9	0.71	11.89	12.6	30.9	74.47	0
10/03/2025 23:30	16.13	6.6	7.16	0.71	11.89	12.6	30.9	5.16	150.01
11/03/2025 00:00	16.13	6.6	7.91	0.71	11.89	12.6	30.8	0	143.42
11/03/2025 00:30	16.15	6.6	7.2	0.71	11.89	12.6	30.7	0	138.05
11/03/2025 01:00	16.23	6.6	8	0.71	11.89	12.6	30.6	0	128.11
11/03/2025 01:30	16.14	6.63	7.27	0.71	11.89	12.6	30.5	0	121.86
11/03/2025 02:00	16.15	6.67	7.2	0.71	11.89	12.6	30.5	0	112.81
11/03/2025 02:30	16.11	6.71	7.19	0.71	11.89	12.6	30.4	0	107.34
11/03/2025 03:00	16.15	6.75	7.22	0.71	11.89	12.6	30.3	0	102.09
11/03/2025 03:30	16.14	6.77	7.15	0.71	11.89	12.6	30.2	0	92.5
11/03/2025 04:00	16.15	6.81	7.19	0.8	11.81	12.6	30.1	0	84.58
11/03/2025 04:30	16.18	6.84	7.5	0.8	11.81	12.6	30.1	0	0
11/03/2025 05:00	16.13	6.86	7.25	0.8	11.81	12.6	30.1	0	125.62
11/03/2025 05:30	16.21	6.88	7.14	0.8	11.81	12.6	30	0	112.66
11/03/2025 06:00	16.23	6.9	7.15	0.8	11.81	12.6	29.8	0	84.64
11/03/2025 06:30	16.26	6.92	7.16	0.8	11.81	12.6	29.8	0	0
11/03/2025 07:00	16.26	6.6	7.28	0.8	11.81	12.6	30.3	21.51	0
11/03/2025 07:30	15.88	6.6	7.12	0.8	11.81	12.6	30.3	6.92	110.33
11/03/2025 08:00	15.89	6.6	7.31	0.8	11.81	12.6	30.3	185.52	110.14
11/03/2025 08:30	15.99	6.6	7.73	0.8	11.81	12.6	30.3	248.11	0
11/03/2025 09:00	16	6.6	7.48	0.8	11.81	12.6	30.7	162.86	0
11/03/2025 09:30	16.71	6.6	7.14	0.8	11.81	12.6	30.8	231.52	0
11/03/2025 10:00	16.69	6.6	7.2	0.54	12.12	12.66	30.9	215.58	0
11/03/2025 10:30	16.7	6.6	7.18	0.54	12.12	12.66	31	107.61	0
11/03/2025 11:00	16.81	6.6	7.27	0.54	12.12	12.66	31.2	6.43	142.21
11/03/2025 11:30	16.8	6.6	7.17	0.54	12.12	12.66	31.5	0	138.53
11/03/2025 12:00	11.75	6.6	8	0.54	12.12	12.66	31	0	135.91
11/03/2025 12:30	9.37	6.6	7.42	0.54	12.12	12.66	31	0	130.45
11/03/2025 13:00	9.17	6.6	7.12	0.54	12.12	12.66	31.1	0	127.03

11/03/2025 13:30	9.17	6.6	7.17	0.54	12.12	12.66	31.3	0	121.96
11/03/2025 14:00	9.19	6.63	7.14	0.54	12.12	12.66	31.3	0	115.68
11/03/2025 14:30	8.98	6.69	7.14	0.54	12.12	12.66	31.1	0	105.89
11/03/2025 15:00	8.88	6.62	7.78	0.54	12.12	12.66	30.9	0	99.75
11/03/2025 15:30	7.19	6.62	7.12	0.54	12.12	12.66	30.8	23.73	81.44
11/03/2025 16:00	7.18	6.6	7.91	0.5	11.91	12.41	31.1	64.65	97.08
11/03/2025 16:30	15.18	6.6	7.55	0.5	11.91	12.41	31.1	59.07	98.89
11/03/2025 17:00	16.13	6.6	7.93	0.5	11.91	12.41	31.2	4.7	0
11/03/2025 17:30	16.11	6.6	7.14	0.5	11.91	12.41	31.2	0	0
11/03/2025 18:00	16.26	6.6	7.25	0.5	11.91	12.41	31.1	0	0
11/03/2025 18:30	16.26	6.6	7.17	0.5	11.91	12.41	30.9	0	0
11/03/2025 19:00	16.32	6.63	8	0.5	11.91	12.41	30.8	0	0
11/03/2025 19:30	16.31	6.68	7.16	0.5	11.91	12.41	30.9	0	0
11/03/2025 20:00	16.35	6.6	7.58	0.5	11.91	12.41	31	250.09	0
11/03/2025 20:30	16.34	6.62	7.46	0.5	11.91	12.41	31.1	232.88	0
11/03/2025 21:00	16.34	6.6	18.7	0.5	11.91	12.41	31.1	284.82	0
11/03/2025 21:30	16.73	6.6	1.5	0.5	11.91	12.41	31.1	209.65	0
11/03/2025 22:00	16.8	6.6	14.41	0.64	11.97	12.61	31.1	97.13	0
11/03/2025 22:30	16.84	6.6	3.48	0.64	11.97	12.61	31.1	39.62	0
11/03/2025 23:00	16.81	6.6	7.47	0.64	11.97	12.61	31.1	37.13	144.26
11/03/2025 23:30	16.78	6.6	7.24	0.64	11.97	12.61	31	36.03	138.54
12/03/2025 00:00	16.84	6.6	8	0.64	11.97	12.61	30.9	32.82	132.48
12/03/2025 00:30	16.83	6.6	7.48	0.64	11.97	12.61	31	30.26	125.94
12/03/2025 01:00	16.78	6.6	7.13	0.64	11.97	12.61	31	7.29	126.14
12/03/2025 01:30	16.8	6.6	7.21	0.64	11.97	12.61	30.8	0	123.97
12/03/2025 02:00	16.64	6.6	7.16	0.64	11.97	12.61	30.7	0	121.61
12/03/2025 02:30	16.67	6.61	7.14	0.64	11.97	12.61	30.6	0	117.38
12/03/2025 03:00	16.71	6.66	7.27	0.64	11.97	12.61	30.6	0	112.71
12/03/2025 03:30	16.73	6.7	7.57	0.64	11.97	12.61	30.6	0	102.58
12/03/2025 04:00	16.71	6.73	7.28	0.38	11.96	12.33	30.5	0	96.22
12/03/2025 04:30	16.59	6.76	7.32	0.38	11.96	12.33	30.3	0	85.53
12/03/2025 05:00	16.6	6.79	7.24	0.38	11.96	12.33	30.2	0	68.03
12/03/2025 05:30	16.58	6.82	7.17	0.38	11.96	12.33	30.3	0	0
12/03/2025 06:00	16.59	6.85	7.34	0.38	11.96	12.33	30.2	0	0

12/03/2025 06:30	16.63	6.86	7.18	0.38	11.96	12.33	30.1	0	114.22
12/03/2025 07:00	16.64	6.88	8	0.38	11.96	12.33	30	0	107.85
12/03/2025 07:30	16.63	6.91	7.13	0.38	11.96	12.33	30	0	104.12
12/03/2025 08:00	16.67	6.6	7.51	0.38	11.96	12.33	30.4	94.78	0
12/03/2025 08:30	16.67	6.6	7.48	0.38	11.96	12.33	30.5	155.17	0
12/03/2025 09:00	16.75	6.7	7.17	0.38	11.96	12.33	30.7	210.38	0
12/03/2025 09:30	17.31	6.6	7.14	0.38	11.96	12.33	30.9	296.65	0
12/03/2025 10:00	17.34	6.6	7.17	0.46	12.04	12.51	31.1	261.23	0
12/03/2025 10:30	17.33	6.6	7.48	0.46	12.04	12.51	31.2	127.77	0
12/03/2025 11:00	17.34	6.6	7.17	0.46	12.04	12.51	31.3	28.67	0
12/03/2025 11:30	17.27	6.6	7.11	0.46	12.04	12.51	31.5	73.54	143.56
12/03/2025 12:00	17.35	6.6	7.57	0.46	12.04	12.51	31.8	3.5	138.43
12/03/2025 12:30	17.31	6.6	7.78	0.46	12.04	12.51	31.8	0	133.15
12/03/2025 13:00	17.31	6.6	7.58	0.46	12.04	12.51	31.8	0.01	128.2
12/03/2025 13:30	17.24	6.61	7.62	0.46	12.04	12.51	31.8	0	125.17
12/03/2025 14:00	17.38	6.66	7.19	0.46	12.04	12.51	31.7	0.06	120.92
12/03/2025 14:30	17.37	6.69	7.16	0.46	12.04	12.51	31.8	0.01	0
12/03/2025 15:00	17.3	6.73	7.16	0.46	12.04	12.51	31.9	0	0
12/03/2025 15:30	17.3	6.78	7.18	0.46	12.04	12.51	31.7	0	0
12/03/2025 16:00	17.2	6.83	7.45	0.5	11.99	12.48	31.6	0	143.15
12/03/2025 16:30	17.24	6.87	7.13	0.5	11.99	12.48	31.5	0	137.86
12/03/2025 17:00	17.27	6.89	7.1	0.5	11.99	12.48	31.5	0	137.43
12/03/2025 17:30	17.27	6.92	7.19	0.5	11.99	12.48	31.4	0	134.02
12/03/2025 18:00	17.27	6.96	7.13	0.5	11.99	12.48	31.3	0	0
12/03/2025 18:30	17.18	6.93	7.38	0.5	11.99	12.48	31.1	3.26	0
12/03/2025 19:00	17.22	6.68	7.88	0.5	11.99	12.48	31.2	20.24	0
12/03/2025 19:30	17.12	6.6	7.23	0.5	11.99	12.48	31.3	105.07	0
12/03/2025 20:00	17.12	6.6	7.14	0.5	11.99	12.48	31.4	225.26	0
12/03/2025 20:30	16.83	6.63	19.39	0.5	11.99	12.48	31.5	202.85	0
12/03/2025 21:00	16.74	6.6	7.55	0.5	11.99	12.48	31.5	223.65	0
12/03/2025 21:30	16.75	6.6	7.11	0.5	11.99	12.48	31.5	236.19	0
12/03/2025 22:00	16.75	6.6	14.72	0.54	11.97	12.51	31.4	108.69	0
12/03/2025 22:30	16.75	6.6	7.48	0.54	11.97	12.51	31.3	79.92	0
12/03/2025 23:00	16.84	6.6	7.75	0.54	11.97	12.51	31.3	87.87	152.98

12/03/2025 23:30	16.78	6.6	7.18	0.54	11.97	12.51	31.3	82.9	146.79
13/03/2025 00:00	16.67	6.6	7.69	0.54	11.97	12.51	31.2	24.42	140.98
13/03/2025 00:30	16.67	6.6	7.21	0.54	11.97	12.51	31.1	6.99	133.8
13/03/2025 01:00	16.69	6.6	7.74	0.54	11.97	12.51	31	3.35	126.51
13/03/2025 01:30	16.59	6.63	7.15	0.54	11.97	12.51	31	3.67	114.14
13/03/2025 02:00	16.58	6.66	7.38	0.54	11.97	12.51	30.9	1.18	106.36
13/03/2025 02:30	16.6	6.69	7.67	0.54	11.97	12.51	30.8	1.79	75.9
13/03/2025 03:00	16.59	6.71	7.57	0.54	11.97	12.51	30.7	1.84	73.65
13/03/2025 03:30	16.55	6.75	7.17	0.54	11.97	12.51	30.6	0.57	74
13/03/2025 04:00	16.49	6.78	7.77	0.48	12.18	12.66	30.6	0.91	0
13/03/2025 04:30	16.49	6.81	7.15	0.48	12.18	12.66	30.6	0.64	125.39
13/03/2025 05:00	16.55	6.83	7.5	0.48	12.18	12.66	30.5	0.69	110.01
13/03/2025 05:30	16.53	6.85	7.5	0.48	12.18	12.66	30.3	0.03	102.37
13/03/2025 06:00	16.43	6.87	7.17	0.48	12.18	12.66	30.2	0	78.7
13/03/2025 06:30	16.5	6.89	7.75	0.48	12.18	12.66	30.3	0	0
13/03/2025 07:00	16.55	6.92	7.11	0.48	12.18	12.66	30.3	14.74	123.05
13/03/2025 07:30	16.55	6.6	7.13	0.48	12.18	12.66	30.6	248.16	0
13/03/2025 08:00	16.56	6.6	7.2	0.48	12.18	12.66	30.8	198.53	0
13/03/2025 08:30	16.98	6.6	22.01	0.48	12.18	12.66	30.9	205.66	0
13/03/2025 09:00	17.22	6.6	7.44	0.48	12.18	12.66	30.9	234.55	0
13/03/2025 09:30	17.09	6.6	3.21	0.48	12.18	12.66	31	127.72	0
13/03/2025 10:00	17.1	6.6	1.5	0.63	11.97	12.6	31.1	117.7	0
13/03/2025 10:30	16.96	6.6	1.5	0.63	11.97	12.6	31.3	109.18	146.23
13/03/2025 11:00	17.06	6.6	1.5	0.63	11.97	12.6	31.5	7.53	140.82
13/03/2025 11:30	17.05	6.6	16	0.63	11.97	12.6	31.4	3.74	135.82
13/03/2025 12:00	17.06	6.6	1.5	0.63	11.97	12.6	31.5	0.64	129.19
13/03/2025 12:30	17.07	6.6	1.5	0.63	11.97	12.6	31.6	0.15	120.75
13/03/2025 13:00	17.03	6.61	1.5	0.63	11.97	12.6	31.9	0	112.52
13/03/2025 13:30	17.06	6.64	1.5	0.63	11.97	12.6	32.2	0	112.04
13/03/2025 14:00	17.03	6.69	8.28	0.63	11.97	12.6	31.9	0	102.14
13/03/2025 14:30	17.02	6.74	5.1	0.63	11.97	12.6	31.8	0	97.7
13/03/2025 15:00	17.02	6.77	1.5	0.63	11.97	12.6	31.8	0	77.18
13/03/2025 15:30	17.03	6.8	1.5	0.63	11.97	12.6	31.8	0	93.22
13/03/2025 16:00	17.15	6.83	3.15	0.56	12.01	12.58	31.9	0	96.6

13/03/2025 16:30	17.03	6.87	1.5	0.56	12.01	12.58	31.6	0	78.34
13/03/2025 17:00	17.03	6.91	1.5	0.56	12.01	12.58	31.5	0	78.02
13/03/2025 17:30	17.01	6.94	1.5	0.56	12.01	12.58	31.4	0	77.27
13/03/2025 18:00	17.05	6.97	1.5	0.56	12.01	12.58	31.2	0	98.55
13/03/2025 18:30	17.03	6.99	1.5	0.56	12.01	12.58	31.1	0	102.79
13/03/2025 19:00	17.03	7.01	8.93	0.56	12.01	12.58	31.1	0	100.2
13/03/2025 19:30	17.02	7.05	7.16	0.56	12.01	12.58	31	0	97.64
13/03/2025 20:00	16.91	7.07	7.18	0.56	12.01	12.58	30.9	0	0
13/03/2025 20:30	16.99	7.09	7.5	0.56	12.01	12.58	30.8	0	0
13/03/2025 21:00	17.03	7.12	7.16	0.56	12.01	12.58	30.7	0	0
13/03/2025 21:30	17.05	6.73	7.24	0.56	12.01	12.58	31	238.31	0
13/03/2025 22:00	16.87	6.78	7.32	0.56	12.17	12.73	31.4	258.76	0
13/03/2025 22:30	16.87	6.65	5.07	0.56	12.17	12.73	31.5	201.8	0
13/03/2025 23:00	16.92	6.64	2.63	0.56	12.17	12.73	31.4	231.2	0
13/03/2025 23:30	16.88	6.69	8.23	0.56	12.17	12.73	31.3	164.02	0
14/03/2025 00:00	16.9	6.6	7.65	0.56	12.17	12.73	31.4	132	0
14/03/2025 00:30	16.88	6.62	7.13	0.56	12.17	12.73	31.4	123.96	0
14/03/2025 01:00	16.88	6.7	7.42	0.56	12.17	12.73	31.4	93.82	0
14/03/2025 01:30	16.92	6.71	7.2	0.56	12.17	12.73	31.2	5.45	139.02
14/03/2025 02:00	16.92	6.75	7.17	0.56	12.17	12.73	31	0	135.22
14/03/2025 02:30	16.9	6.79	7.18	0.56	12.17	12.73	31.1	0	130.89
14/03/2025 03:00	16.98	6.84	7.52	0.56	12.17	12.73	31	0	128.14
14/03/2025 03:30	16.92	6.87	7.14	0.56	12.17	12.73	30.9	0	127.44
14/03/2025 04:00	16.88	6.88	7.2	0.54	12.03	12.57	30.7	0	124.45
14/03/2025 04:30	16.9	6.92	7.39	0.54	12.03	12.57	30.6	0	116.28
14/03/2025 05:00	16.88	6.96	7.2	0.54	12.03	12.57	30.6	0	105.64
14/03/2025 05:30	16.9	6.98	7.52	0.54	12.03	12.57	30.5	0	85.95
14/03/2025 06:00	16.9	7	7.29	0.54	12.03	12.57	30.4	0	78.02
14/03/2025 06:30	16.9	7.01	7.51	0.54	12.03	12.57	30.3	0	75.37
14/03/2025 07:00	16.88	7.04	7.72	0.54	12.03	12.57	30.2	0	88.12
14/03/2025 07:30	16.8	7.06	7.15	0.54	12.03	12.57	30.2	0	90.46
14/03/2025 08:00	16.9	7.08	7.94	0.54	12.03	12.57	30.2	0	94.29
14/03/2025 08:30	16.87	7.09	7.08	0.54	12.03	12.57	30.2	0	100.08
14/03/2025 09:00	16.86	7.1	7.17	0.54	12.03	12.57	30.2	0	0

14/03/2025 09:30	16.88	6.99	7.62	0.54	12.03	12.57	30.5	220.74	0
14/03/2025 10:00	16.78	6.89	7.14	0.67	11.82	12.49	31.1	229.05	0
14/03/2025 10:30	17.16	6.71	7.52	0.67	11.82	12.49	31.4	247.06	0
14/03/2025 11:00	17.24	6.69	7.74	0.67	11.82	12.49	31.5	245.35	0
14/03/2025 11:30	17.27	6.62	7.8	0.67	11.82	12.49	31.8	138.4	0
14/03/2025 12:00	17.29	6.6	7.21	0.67	11.82	12.49	31.9	72.13	0
14/03/2025 12:30	17.29	6.6	7.18	0.67	11.82	12.49	31.8	9.85	150.27
14/03/2025 13:00	17.31	6.61	7.58	0.67	11.82	12.49	31.9	0.71	141.84
14/03/2025 13:30	17.26	6.66	7.18	0.67	11.82	12.49	31.9	0	135.08
14/03/2025 14:30	17.23	6.74	7.23	0.67	11.82	12.49	32.2	0	134.07
14/03/2025 15:00	17.34	6.79	7.91	0.67	11.82	12.49	31.9	0	124.83
14/03/2025 15:30	17.34	6.84	7.49	0.67	11.82	12.49	31.8	0	117.73
14/03/2025 16:00	17.33	6.87	7.36	0.46	12.31	12.77	31.8	0	113.21
14/03/2025 16:30	17.33	6.89	7.85	0.46	12.31	12.77	31.8	0	97.91
14/03/2025 17:00	17.24	6.92	7.43	0.46	12.31	12.77	31.7	0	0
14/03/2025 17:30	17.3	6.96	7.71	0.46	12.31	12.77	31.5	0	122.27
14/03/2025 18:00	17.34	6.99	7.93	0.46	12.31	12.77	31.4	0	0
14/03/2025 18:30	17.31	7.01	7.16	0.46	12.31	12.77	31.3	0	0
14/03/2025 19:00	17.26	7.02	8	0.46	12.31	12.77	31.2	0	0
14/03/2025 19:30	17.24	7.05	7.69	0.46	12.31	12.77	31.1	0	140.3
14/03/2025 20:00	17.27	6.72	7.62	0.46	12.31	12.77	31.4	76.42	134.53
14/03/2025 20:30	17.18	6.64	7.48	0.46	12.31	12.77	31.6	78.8	0
14/03/2025 21:00	17.18	6.66	7.87	0.46	12.31	12.77	31.5	75.54	0
14/03/2025 21:30	17.02	6.65	7.69	0.46	12.31	12.77	31.4	197.48	0
14/03/2025 22:00	17.13	6.75	7.34	0.56	11.96	12.52	31.4	209.96	0
14/03/2025 22:30	17.12	6.69	7.2	0.56	11.96	12.52	31.4	268.91	0
14/03/2025 23:00	17.13	6.6	7.33	0.56	11.96	12.52	31.4	152.67	0
14/03/2025 23:30	17.13	6.6	7.49	0.56	11.96	12.52	31.3	76.77	0
15/03/2025 00:00	17.13	6.6	7.66	0.56	11.96	12.52	31.2	78.11	0
15/03/2025 00:30	17.18	6.6	7.65	0.56	11.96	12.52	31.2	9.56	153.4
15/03/2025 01:00	17.16	6.63	8	0.56	11.96	12.52	31.2	4.84	143.92
15/03/2025 01:30	17.15	6.67	7.14	0.56	11.96	12.52	31.1	3.7	134.16
15/03/2025 02:00	17.13	6.7	7.15	0.56	11.96	12.52	31.1	3.09	121.08
15/03/2025 02:30	17.12	6.73	7.66	0.56	11.96	12.52	30.9	2.86	110.95

15/03/2025 03:00	17.13	6.76	7.35	0.56	11.96	12.52	30.8	1.86	101.46
15/03/2025 03:30	17.13	6.79	7.67	0.56	11.96	12.52	30.8	1.03	93.36
15/03/2025 04:00	17.12	6.83	7.23	0.42	11.88	12.3	30.8	0.67	72.87
15/03/2025 04:30	17.09	6.85	7.51	0.42	11.88	12.3	30.7	1.74	0
15/03/2025 05:00	17.07	6.87	7.22	0.42	11.88	12.3	30.5	2.69	0
15/03/2025 05:30	17.07	6.77	7.54	0.42	11.88	12.3	30.7	32.14	114.91
15/03/2025 06:00	17.09	6.63	7.45	0.42	11.88	12.3	30.9	35.13	103.62
15/03/2025 06:30	17.07	6.65	7.19	0.42	11.88	12.3	30.8	11.37	100.46
15/03/2025 07:00	16.95	6.68	8	0.42	11.88	12.3	30.8	6.01	98.08
15/03/2025 07:30	16.98	6.7	7.12	0.42	11.88	12.3	30.7	4.82	93.36
15/03/2025 08:00	16.96	6.75	7.85	0.42	11.88	12.3	30.7	12.64	0
15/03/2025 08:30	16.96	6.7	7.17	0.42	11.88	12.3	30.8	29.06	0
15/03/2025 09:00	16.81	6.67	7.13	0.42	11.88	12.3	30.8	216.37	0
15/03/2025 09:30	16.81	6.85	7.16	0.42	11.88	12.3	31	239.68	0
15/03/2025 10:00	17.29	6.64	7.15	0.61	12.01	12.62	31.4	243.18	0
15/03/2025 10:30	17.63	6.6	7.31	0.61	12.01	12.62	31.6	115.18	0
15/03/2025 11:00	17.62	6.6	7.69	0.61	12.01	12.62	31.6	232.71	0
15/03/2025 11:30	17.45	6.6	7.17	0.61	12.01	12.62	31.7	109.74	0
15/03/2025 12:00	17.45	6.6	7.41	0.61	12.01	12.62	31.8	110.81	147.4
15/03/2025 12:30	17.56	6.6	7.14	0.61	12.01	12.62	31.9	109.2	141.4
15/03/2025 13:00	17.54	6.63	7.69	0.61	12.01	12.62	32	9.56	135.42
15/03/2025 13:30	17.55	6.7	7.21	0.61	12.01	12.62	31.9	1.32	131.99
15/03/2025 14:00	17.41	6.74	7.25	0.61	12.01	12.62	31.8	0	129.39
15/03/2025 14:30	17.4	6.78	7.51	0.61	12.01	12.62	31.8	0	126.23
15/03/2025 15:00	17.51	6.81	7.17	0.61	12.01	12.62	31.9	0	123.22
15/03/2025 15:30	17.51	6.85	7.35	0.61	12.01	12.62	31.9	0	116.91
15/03/2025 16:00	17.34	6.89	8	0.51	12.07	12.58	31.7	0	111.46
15/03/2025 16:30	17.35	6.93	7.15	0.51	12.07	12.58	31.6	0	0
15/03/2025 17:00	17.34	6.96	7.54	0.51	12.07	12.58	31.5	0	0
15/03/2025 17:30	17.44	6.98	7.39	0.51	12.07	12.58	31.5	0	141.51
15/03/2025 18:00	17.45	7.02	7.19	0.51	12.07	12.58	31.3	0	133.57
15/03/2025 18:30	17.3	7.05	7.62	0.51	12.07	12.58	31.3	0	130.95
15/03/2025 19:00	17.38	7.08	7.83	0.51	12.07	12.58	31.2	0	128.16
15/03/2025 19:30	17.3	7.1	7.16	0.51	12.07	12.58	31.1	0	122.4

15/03/2025 20:00	17.3	7.11	7.82	0.51	12.07	12.58	31	0	0
15/03/2025 20:30	17.31	7.06	7.2	0.51	12.07	12.58	30.9	71.25	0
15/03/2025 21:00	17.19	6.75	7.13	0.51	12.07	12.58	31.4	272.75	0
15/03/2025 21:30	17.02	6.6	12.39	0.51	12.07	12.58	31.5	258.2	0
15/03/2025 22:00	17.27	6.6	1.82	0.42	11.99	12.4	31.5	213.8	0
15/03/2025 22:30	17.27	6.6	1.5	0.42	11.99	12.4	31.4	233.67	0
15/03/2025 23:00	17.2	6.6	3.48	0.42	11.99	12.4	31.4	111.35	0
15/03/2025 23:30	17.22	6.6	7.18	0.42	11.99	12.4	31.4	121.35	152.21
16/03/2025 00:00	17.22	6.6	8	0.42	11.99	12.4	31.4	69.05	146.35
16/03/2025 00:30	17.13	6.62	7.7	0.42	11.99	12.4	31.3	5.72	135.31
16/03/2025 01:00	17.13	6.65	7.17	0.42	11.99	12.4	31.2	0	130.42
16/03/2025 01:30	17.13	6.7	7.2	0.42	11.99	12.4	31	0	125.72
16/03/2025 02:00	17.15	6.74	7.21	0.42	11.99	12.4	31	0	122.03
16/03/2025 03:00	17.13	6.8	7.16	0.42	11.99	12.4	30.9	0	111.14
16/03/2025 03:30	17.13	6.83	7.17	0.42	11.99	12.4	30.7	0	104.28
16/03/2025 04:00	17.1	6.87	7.17	0.43	12.04	12.47	30.6	0	96.02
16/03/2025 04:30	17.15	6.9	7.28	0.43	12.04	12.47	30.6	0	76.89
16/03/2025 05:00	17.06	6.92	7.14	0.43	12.04	12.47	30.6	0	72.7
16/03/2025 06:00	17.09	6.94	7.91	0.43	12.04	12.47	30.3	0	66.94
16/03/2025 06:30	17.1	6.98	7.41	0.43	12.04	12.47	30.3	0	67.84
16/03/2025 07:00	17.06	6.99	24.91	0.43	12.04	12.47	30.3	0	67.82
16/03/2025 07:30	17.13	7.01	7.57	0.43	12.04	12.47	30.3	0	0
16/03/2025 08:00	17.1	7.03	7.87	0.43	12.04	12.47	30.3	0	0
16/03/2025 08:30	16.94	7.04	7.21	0.43	12.04	12.47	30.3	0	110.25
16/03/2025 09:00	17.13	7.07	7.17	0.43	12.04	12.47	30.4	9.93	0
16/03/2025 09:30	17.09	6.6	7.15	0.43	12.04	12.47	30.9	229.41	0
16/03/2025 10:00	17.12	6.62	7.15	0.59	11.81	12.4	31.2	181.88	0
16/03/2025 10:30	17.1	6.6	7.36	0.59	11.81	12.4	31.3	214.92	0
16/03/2025 11:00	17.18	6.6	7.14	0.59	11.81	12.4	31.4	173.7	0
16/03/2025 11:30	17.2	6.6	10.88	0.59	11.81	12.4	31.6	139.77	0
16/03/2025 12:00	17.22	6.6	7.61	0.59	11.81	12.4	31.5	136.93	0
16/03/2025 12:30	17.2	6.6	7.55	0.59	11.81	12.4	31.5	47.39	139.32
16/03/2025 13:00	17.3	6.6	7.15	0.59	11.81	12.4	31.5	43.22	131.86
16/03/2025 13:30	17.29	6.6	7.16	0.59	11.81	12.4	31.6	44.41	126.2

16/03/2025 14:00	17.22	6.6	7.7	0.59	11.81	12.4	31.8	29.65	117.45
16/03/2025 14:30	17.26	6.6	7.16	0.59	11.81	12.4	31.6	7.8	104.64
16/03/2025 15:00	17.23	6.63	7.19	0.59	11.81	12.4	31.6	2.37	93.88
16/03/2025 15:30	17.24	6.67	7.66	0.59	11.81	12.4	31.6	1.57	66.59
16/03/2025 16:00	17.33	6.69	7.2	0.42	12.12	12.55	31.5	1.62	0
16/03/2025 16:30	17.22	6.74	7.55	0.42	12.12	12.55	31.5	0.79	120.15
16/03/2025 17:00	17.22	6.78	7.16	0.42	12.12	12.55	31.3	0.59	102.26
16/03/2025 17:30	17.22	6.82	7.3	0.42	12.12	12.55	31.3	0.71	0
16/03/2025 18:00	17.15	6.85	8	0.42	12.12	12.55	31.2	1.2	0
16/03/2025 18:30	17.2	6.85	7.15	0.42	12.12	12.55	31	0.13	0
16/03/2025 19:00	17.2	6.89	7.6	0.42	12.12	12.55	31	0	108.36
16/03/2025 19:30	17.19	6.92	7.14	0.42	12.12	12.55	30.9	0	75.25
16/03/2025 20:00	17.12	6.94	7.33	0.42	12.12	12.55	30.9	0	0
16/03/2025 20:30	17.13	6.97	7.53	0.42	12.12	12.55	30.8	0	0
16/03/2025 21:00	17.16	6.97	7.81	0.42	12.12	12.55	30.7	11.95	110.25
16/03/2025 21:30	17.15	6.68	7.58	0.42	12.12	12.55	31	219.91	83.29
16/03/2025 22:00	17.15	6.78	8	0.64	12.1	12.74	31.2	233.72	0
16/03/2025 22:30	16.94	6.6	7.62	0.64	12.1	12.74	31.3	212.16	0
16/03/2025 23:00	16.86	6.6	7.64	0.64	12.1	12.74	31.3	193.49	0
16/03/2025 23:30	16.81	6.6	7.38	0.64	12.1	12.74	31.3	151.92	104.97
17/03/2025 00:00	16.84	6.6	7.32	0.64	12.1	12.74	31.2	111.54	71.91
17/03/2025 00:30	16.83	6.6	29.46	0.64	12.1	12.74	31.2	79.36	0
17/03/2025 01:00	16.84	6.6	7.16	0.64	12.1	12.74	31.2	41.45	0
17/03/2025 01:30	16.88	6.6	7.26	0.64	12.1	12.74	31.2	35.81	112.96
17/03/2025 02:00	16.91	6.6	7.21	0.64	12.1	12.74	31.1	29.67	0
17/03/2025 02:30	16.92	6.6	7.21	0.64	12.1	12.74	31	25.27	0
17/03/2025 03:00	16.77	6.6	7.16	0.64	12.1	12.74	31	16.94	0
17/03/2025 03:30	16.75	6.6	7.28	0.64	12.1	12.74	31	12.18	0
17/03/2025 04:00	16.86	6.6	7.24	0.49	11.91	12.4	31	9.85	0
17/03/2025 04:30	16.83	6.6	7.19	0.49	11.91	12.4	30.8	9.1	0
17/03/2025 05:00	16.83	6.6	8	0.49	11.91	12.4	30.7	5.28	126.65
17/03/2025 05:30	16.8	6.61	7.5	0.49	11.91	12.4	30.8	3.82	114.21
17/03/2025 06:00	16.86	6.64	7.48	0.49	11.91	12.4	30.7	1.98	95.9
17/03/2025 06:30	16.84	6.66	7.51	0.49	11.91	12.4	30.7	2.89	0

17/03/2025 07:00	16.84	6.69	12.08	0.49	11.91	12.4	30.6	3.09	0
17/03/2025 07:30	16.84	6.72	7.21	0.49	11.91	12.4	30.5	1.62	116.06
17/03/2025 08:00	16.77	6.75	7.2	0.49	11.91	12.4	30.6	1.86	104.58
17/03/2025 08:30	14.58	6.6	1.5	0.49	11.91	12.4	30.7	120.47	78.53
17/03/2025 09:00	16.87	6.6	1.5	0.49	11.91	12.4	30.8	52.03	77.27
17/03/2025 09:30	16.87	6.6	1.5	0.49	11.91	12.4	30.7	7.17	74.67
17/03/2025 10:00	16.8	6.6	1.5	0.64	11.83	12.47	30.7	2.89	74.54
17/03/2025 10:30	16.8	6.6	3.23	0.64	11.83	12.47	30.7	2.16	69.29
17/03/2025 11:00	16.69	6.6	9.49	0.64	11.83	12.47	30.8	0.71	71.75
17/03/2025 11:30	16.83	6.61	26.3	0.64	11.83	12.47	30.8	1.69	78.87
17/03/2025 12:30	16.73	6.69	7.48	0.64	11.83	12.47	31.2	0	101.71
17/03/2025 13:00	16.81	6.74	8	0.64	11.83	12.47	31.2	0	107.84
17/03/2025 13:30	16.92	6.8	1.5	0.64	11.83	12.47	31.3	0	109.55
17/03/2025 14:00	16.9	6.85	26.11	0.64	11.83	12.47	31.3	0	0
17/03/2025 14:30	16.92	6.89	1.5	0.64	11.83	12.47	31.4	0	0
17/03/2025 15:00	16.84	6.92	1.5	0.64	11.83	12.47	31.5	0	0
17/03/2025 15:30	16.92	6.63	3.62	0.64	11.83	12.47	31.4	213.24	0
17/03/2025 16:00	16.48	6.85	26.46	0.53	11.78	12.3	31.6	197.67	0
17/03/2025 16:30	16.49	6.7	1.85	0.53	11.78	12.3	31.7	127.95	0
17/03/2025 17:00	15.54	6.69	1.5	0.53	11.78	12.3	31.7	217.86	0
17/03/2025 17:30	15.56	6.63	1.86	0.53	11.78	12.3	31.7	140.41	0
17/03/2025 18:00	15.67	6.6	7.12	0.53	11.78	12.3	31.6	133.2	0
17/03/2025 18:30	15.72	6.65	8.24	0.53	11.78	12.3	31.5	38.81	0
17/03/2025 19:00	15.72	6.67	6.2	0.53	11.78	12.3	31.4	8.53	142.16
17/03/2025 19:30	15.5	6.66	1.5	0.53	11.78	12.3	31.3	50.15	135.88
17/03/2025 20:00	15.57	6.67	1.5	0.53	11.78	12.3	31.2	8.22	129.94
17/03/2025 20:30	15.67	6.7	1.5	0.53	11.78	12.3	31.3	4.47	126.77
17/03/2025 21:00	15.67	6.73	1.5	0.53	11.78	12.3	31.2	2.08	123.35
17/03/2025 21:30	15.66	6.76	3	0.53	11.78	12.3	31.1	2.72	118.65
17/03/2025 22:00	15.53	6.78	1.5	0.6	11.94	12.55	31	1.64	114.14
17/03/2025 22:30	15.66	6.81	1.5	0.6	11.94	12.55	30.8	1.03	105.77
17/03/2025 23:00	15.57	6.84	1.5	0.6	11.94	12.55	30.9	1.3	98.97
17/03/2025 23:30	15.57	6.86	1.5	0.6	11.94	12.55	30.8	0.71	93.94
18/03/2025 00:00	15.49	6.88	1.5	0.6	11.94	12.55	30.8	0.71	85.04

18/03/2025 00:30	15.49	6.9	1.5	0.6	11.94	12.55	30.6	0	80.83
18/03/2025 01:00	15.6	6.92	1.5	0.6	11.94	12.55	30.5	0	90.14
18/03/2025 01:30	15.63	6.93	3.55	0.6	11.94	12.55	30.5	0	78.34
18/03/2025 02:00	15.63	6.96	4.72	0.6	11.94	12.55	30.5	0	70.35
18/03/2025 02:30	15.58	6.98	2.11	0.6	11.94	12.55	30.4	0	72.77
18/03/2025 03:00	15.6	6.98	3.6	0.6	11.94	12.55	30.3	0	69.16
18/03/2025 03:30	15.58	7.01	1.5	0.6	11.94	12.55	30.1	0	0
18/03/2025 04:00	15.57	7.02	2.75	0.34	11.83	12.17	30.2	0	0
18/03/2025 04:30	15.58	6.62	1.79	0.34	11.83	12.17	30.7	188.14	0
18/03/2025 05:00	15.43	6.78	4.24	0.34	11.83	12.17	30.6	238.21	0
18/03/2025 05:30	15.79	6.75	2.43	0.34	11.83	12.17	30.5	121.59	0
18/03/2025 06:00	15.71	6.71	6.55	0.34	11.83	12.17	30.4	112.45	0
18/03/2025 06:30	15.72	6.78	8.36	0.34	11.83	12.17	30.6	235.35	0
18/03/2025 07:00	15.79	6.73	3.96	0.34	11.83	12.17	30.6	133.27	0
18/03/2025 07:30	15.81	6.65	3.98	0.34	11.83	12.17	30.6	123.57	136.49
18/03/2025 08:00	15.91	6.69	3.15	0.34	11.83	12.17	30.5	24.73	133.25
18/03/2025 08:30	15.82	6.72	5.75	0.34	11.83	12.17	30.5	2.23	128.96
18/03/2025 09:00	15.81	6.77	10.55	0.34	11.83	12.17	30.6	0	127.27
18/03/2025 09:30	15.86	6.82	14.47	0.34	11.83	12.17	30.6	0	124.92
18/03/2025 10:00	15.92	6.86	5.21	0.55	11.8	12.35	30.6	0	120.63
18/03/2025 10:30	15.92	6.89	3.77	0.55	11.8	12.35	30.8	0	116.78
18/03/2025 11:00	15.91	6.93	4.75	0.55	11.8	12.35	31.3	0	113.64
18/03/2025 11:30	15.92	6.97	4.78	0.55	11.8	12.35	31.3	0	107.47
18/03/2025 12:00	15.96	7.02	14.26	0.55	11.8	12.35	31.5	0	102.04
18/03/2025 12:30	16.04	7.05	7.75	0.55	11.8	12.35	31.5	0	102.09
18/03/2025 13:00	16.09	7.08	2.98	0.55	11.8	12.35	31.6	0	0
18/03/2025 13:30	16.1	7.12	4.12	0.55	11.8	12.35	31.9	0	0
18/03/2025 14:00	16.09	7.17	3.52	0.55	11.8	12.35	31.7	0	0
18/03/2025 14:30	16.1	7.21	5.61	0.55	11.8	12.35	31.7	0	0
18/03/2025 15:00	16.14	7.23	10.72	0.55	11.8	12.35	31.6	0	0
18/03/2025 15:30	16.11	6.81	7.2	0.55	11.8	12.35	31.7	269.08	0
18/03/2025 16:00	16.11	6.72	12.61	0.38	12.13	12.51	31.9	184.82	0
18/03/2025 16:30	17.56	6.6	21.47	0.38	12.13	12.51	31.8	158.83	0
18/03/2025 17:00	17.61	6.61	7.22	0.38	12.13	12.51	31.9	155.26	0

18/03/2025 17:30	17.52	6.6	15.6	0.38	12.13	12.51	31.9	103.16	0
18/03/2025 18:00	17.54	6.6	9.25	0.38	12.13	12.51	31.8	59.49	0
18/03/2025 18:30	17.52	6.6	11.09	0.38	12.13	12.51	31.6	39.38	0
18/03/2025 19:00	17.48	6.6	15.79	0.38	12.13	12.51	31.6	33.12	0
18/03/2025 19:30	17.51	6.6	16.22	0.38	12.13	12.51	31.6	76.14	0
18/03/2025 20:00	17.34	6.6	21.4	0.38	12.13	12.51	31.6	74.74	0
18/03/2025 20:30	17.35	6.6	25.23	0.38	12.13	12.51	31.4	71.32	0
18/03/2025 21:00	17.42	6.6	22.44	0.38	12.13	12.51	31.3	10.88	136.63
18/03/2025 21:30	17.42	6.6	7.53	0.38	12.13	12.51	31.3	3.96	132.81
18/03/2025 22:00	17.48	6.6	7.25	0.48	11.93	12.41	31.3	2.62	127.62
18/03/2025 22:30	17.37	6.6	7.22	0.48	11.93	12.41	31.2	2.04	124.34
18/03/2025 23:00	17.38	6.6	7.35	0.48	11.93	12.41	31.1	1.67	118.59
18/03/2025 23:30	17.38	6.6	7.34	0.48	11.93	12.41	30.9	1.57	111.05
19/03/2025 00:00	17.37	6.6	7.65	0.48	11.93	12.41	31	1.18	102.99
19/03/2025 00:30	17.45	6.6	7.18	0.48	11.93	12.41	30.9	1.25	97.38
19/03/2025 01:00	17.45	6.62	7.19	0.48	11.93	12.41	30.9	0.93	95.95
19/03/2025 01:30	17.44	6.64	7.17	0.48	11.93	12.41	30.7	0.08	86.96
19/03/2025 02:00	17.33	6.65	7.94	0.48	11.93	12.41	30.5	33.59	77.35
19/03/2025 02:30	17.38	6.6	7.2	0.48	11.93	12.41	30.9	6.5	86.04
19/03/2025 03:00	17.31	6.6	7.7	0.48	11.93	12.41	30.9	3.45	76.03
19/03/2025 03:30	17.3	6.6	7.2	0.48	11.93	12.41	30.8	2.37	71.39
19/03/2025 04:00	17.2	6.6	7.2	0.55	11.79	12.34	30.6	2.13	73.65
19/03/2025 04:30	17.2	6.6	7.44	0.55	11.79	12.34	30.4	1.4	73.91
19/03/2025 05:00	17.27	6.61	7.99	0.55	11.79	12.34	30.5	1.25	0
19/03/2025 05:30	17.18	6.63	7.48	0.55	11.79	12.34	30.5	48.68	0
19/03/2025 06:00	17.18	6.6	7.58	0.55	11.79	12.34	30.6	294.47	0
19/03/2025 06:30	17.62	6.6	7.46	0.55	11.79	12.34	30.5	242.2	0
19/03/2025 07:00	17.93	6.6	7.69	0.55	11.79	12.34	30.5	236.28	0
19/03/2025 07:30	17.95	6.6	18.38	0.55	11.79	12.34	30.6	242.49	0
19/03/2025 08:00	17.95	6.6	7.32	0.55	11.79	12.34	30.7	119.34	0
19/03/2025 08:30	17.97	6.6	22.75	0.55	11.79	12.34	30.7	124.32	0
19/03/2025 09:00	17.99	6.6	9.65	0.55	11.79	12.34	30.7	55.9	139.13
19/03/2025 09:30	17.9	6.6	7.7	0.55	11.79	12.34	30.8	1.35	136.29
19/03/2025 10:00	18.01	6.6	24.93	0.46	11.64	12.11	30.9	0	131.82

19/03/2025 10:30	18.01	6.6	7.14	0.46	11.64	12.11	31	0	126.61
19/03/2025 11:00	17.97	6.6	1.51	0.46	11.64	12.11	31.1	0	123.02
19/03/2025 11:30	17.94	6.6	7.17	0.46	11.64	12.11	31.4	0	122.12
19/03/2025 12:00	18.12	6.6	7.17	0.46	11.64	12.11	31.8	0	120
19/03/2025 12:30	18.14	6.61	7.15	0.46	11.64	12.11	31.6	0	115.87
19/03/2025 13:00	18.14	6.63	7.68	0.46	11.64	12.11	31.7	0	112.86
19/03/2025 13:30	18.1	6.65	7.84	0.46	11.64	12.11	31.8	0	111.17
19/03/2025 14:00	18.14	6.66	7.14	0.46	11.64	12.11	31.9	0	108.7
19/03/2025 14:30	18.19	6.69	7.23	0.46	11.64	12.11	32.1	0	105.19
19/03/2025 15:00	18.21	6.75	7.17	0.46	11.64	12.11	31.9	0	100.13
19/03/2025 15:30	18.21	6.79	7.15	0.46	11.64	12.11	31.8	0	0
19/03/2025 16:00	18.11	6.86	23.96	0.56	11.92	12.48	31.7	0	0
19/03/2025 16:30	18.26	6.88	7.16	0.56	11.92	12.48	31.7	0	0
19/03/2025 17:00	18.22	6.9	7.14	0.56	11.92	12.48	31.6	41.45	0
19/03/2025 17:30	18.21	6.68	7.8	0.56	11.92	12.48	31.4	208.98	0
19/03/2025 18:00	18.36	6.66	7.74	0.56	11.92	12.48	31.6	197.37	0
19/03/2025 18:30	18.37	6.6	7.19	0.56	11.92	12.48	31.6	248.13	0
19/03/2025 19:00	18.42	6.6	15.96	0.56	11.92	12.48	31.5	111.3	0
19/03/2025 19:30	18.39	6.6	7.14	0.56	11.92	12.48	31.4	63.48	0
19/03/2025 20:00	18.4	6.6	7.48	0.56	11.92	12.48	31.4	35.76	0
19/03/2025 20:30	18.34	6.6	7.68	0.56	11.92	12.48	31.4	6.61	136.99
19/03/2025 21:00	18.33	6.6	20.1	0.56	11.92	12.48	31.3	1.98	132.74
19/03/2025 21:30	18.4	6.6	20.92	0.56	11.92	12.48	31.2	0	129.07
19/03/2025 22:00	18.4	6.6	7.19	0.53	11.88	12.42	30.9	0.47	124.92
19/03/2025 22:30	18.4	6.6	7.34	0.53	11.88	12.42	30.9	0	121.1
19/03/2025 23:00	18.34	6.6	12.95	0.53	11.88	12.42	31	30.82	118.08
19/03/2025 23:30	18.3	6.6	1.5	0.53	11.88	12.42	31	2.6	109.46
20/03/2025 00:00	18.43	6.6	7.13	0.53	11.88	12.42	30.9	0	104.36
20/03/2025 00:30	18.42	6.6	7.19	0.53	11.88	12.42	30.6	0	97.1
20/03/2025 01:00	18.34	6.6	7.43	0.53	11.88	12.42	30.6	7.63	98.15
20/03/2025 01:30	18.34	6.6	7.16	0.53	11.88	12.42	30.8	4.04	97.76
20/03/2025 02:00	18.27	6.6	7.39	0.53	11.88	12.42	30.7	0.99	96.06
20/03/2025 02:30	18.36	6.6	25.93	0.53	11.88	12.42	30.6	22.3	94.77
20/03/2025 03:00	18.36	6.6	7.25	0.53	11.88	12.42	30.4	31.73	0

20/03/2025 03:30	18.25	6.6	7.31	0.53	11.88	12.42	30.5	12.86	0
20/03/2025 04:00	18.33	6.6	7.17	0.49	11.71	12.21	30.5	0.13	0
20/03/2025 04:30	18.26	6.6	7.61	0.49	11.71	12.21	30.5	102.26	0
20/03/2025 05:00	18.26	6.6	7.3	0.49	11.71	12.21	30.5	231.05	0
20/03/2025 05:30	18.26	6.6	7.86	0.49	11.71	12.21	30.3	158.25	0
20/03/2025 06:00	18.65	6.6	7.5	0.49	11.71	12.21	30.5	78.45	0
20/03/2025 06:30	18.71	6.6	7.31	0.49	11.71	12.21	30.5	77.43	0
20/03/2025 07:00	18.75	6.6	5.64	0.49	11.71	12.21	30.6	230.85	0
20/03/2025 07:30	18.74	6.6	7.15	0.49	11.71	12.21	30.5	114.5	0
20/03/2025 08:00	18.64	6.6	7.15	0.49	11.71	12.21	30.3	87.35	0
20/03/2025 08:30	18.64	6.6	3	0.49	11.71	12.21	30.5	87.01	132.73
20/03/2025 09:00	20.28	6.6	7.16	0.49	11.71	12.21	30.6	14.74	127.66
20/03/2025 09:30	20.35	6.6	1.5	0.33	11.71	12.04	30.1	1.96	122.01
20/03/2025 10:00	20.35	6.6	7.14	0.33	11.71	12.04	30.7	65.23	121.17
20/03/2025 10:30	21.8	6.6	7.16	0.35	11.95	12.3	30.9	3.18	119.11
20/03/2025 11:00	21.82	6.6	7.17	0.27	12.1	12.36	30.8	0.18	115.48
20/03/2025 11:30	21.93	6.6	7.39	0.22	10.86	11.07	30.9	0	111.21
20/03/2025 12:00	22.1	6.6	7.1	0.22	10.86	11.07	31	0.22	104.83
20/03/2025 12:30	22.12	6.61	7.19	0.22	10.86	11.07	31	0	95.29
20/03/2025 13:00	22.12	6.65	7.21	0.22	10.86	11.07	31.2	0	92.91
20/03/2025 13:30	21.94	6.69	7.2	0.22	10.86	11.07	31.2	0	95.48
20/03/2025 14:00	22.11	6.74	7.2	0.22	10.86	11.07	31.2	0	94.44
20/03/2025 14:30	22.07	6.79	7.2	0.22	10.86	11.07	31.2	0	79.79
20/03/2025 15:00	22.07	6.82	7.61	0.22	10.86	11.07	31	0	0
20/03/2025 15:30	22.06	6.85	7.25	0.22	10.86	11.07	31	0	0
20/03/2025 16:00	22.06	6.6	7.15	0.22	10.86	11.07	31.1	221.55	0
20/03/2025 16:30	22.07	6.66	7.21	0.22	10.86	11.07	31.3	228.1	0
20/03/2025 17:00	22.1	6.6	7.18	0.22	10.86	11.07	31.4	196.64	0
20/03/2025 17:30	22.11	6.6	7.19	0.46	10.97	11.43	31.3	160.2	0
20/03/2025 18:00	22.08	6.6	7.15	0.46	10.97	11.43	31.2	120.68	0
20/03/2025 18:30	22.11	6.6	7.65	0.46	10.97	11.43	31.3	82.37	0
20/03/2025 19:00	22.15	6.6	7.59	0.46	10.97	11.43	31.2	49.2	0
20/03/2025 19:30	22.17	6.6	7.71	0.46	10.97	11.43	31.2	90.62	0
20/03/2025 20:00	22.15	6.6	7.14	0.46	10.97	11.43	31.1	91.46	0

20/03/2025 20:30	22.04	6.6	7.15	0.46	10.97	11.43	31	87.47	140.19
20/03/2025 21:00	22.22	6.6	7.52	0.46	10.97	11.43	31.1	25.13	135.08
20/03/2025 21:30	22.11	6.6	7.18	0.46	10.97	11.43	31	5.48	129.78
20/03/2025 22:00	22.1	6.6	7.18	0.46	10.97	11.43	31	3.53	125.59
20/03/2025 22:30	22.1	6.6	7.2	0.46	10.97	11.43	30.8	2.96	119.65
20/03/2025 23:00	22.18	6.6	7.3	0.46	10.97	11.43	30.7	2.11	110.81
20/03/2025 23:30	22.17	6.6	7.2	0.49	10.9	11.39	30.7	1.44	106.78
21/03/2025 00:00	22.19	6.6	7.63	0.49	10.9	11.39	30.7	0.52	101.96
21/03/2025 00:30	22.19	6.6	7.14	0.49	10.9	11.39	30.6	1.72	96.45
21/03/2025 01:00	22.04	6.6	8	0.49	10.9	11.39	30.4	14.35	68.01
21/03/2025 01:30	22.1	6.6	7.2	0.49	10.9	11.39	30.5	3.58	70.46
21/03/2025 02:00	22.17	6.6	7.17	0.49	10.9	11.39	30.5	2.25	72.69
21/03/2025 02:30	22.17	6.6	7.72	0.49	10.9	11.39	30.5	1.96	80.83
21/03/2025 03:00	22.17	6.6	7.24	0.49	10.9	11.39	30.4	1.4	81.33
21/03/2025 03:30	21.97	6.6	7.17	0.49	10.9	11.39	30.3	1.69	0
21/03/2025 04:00	22.17	6.62	7.41	0.49	10.9	11.39	30.1	41.4	0
21/03/2025 04:30	22.04	6.6	7.72	0.49	10.9	11.39	30.4	259.57	0
21/03/2025 05:00	22.06	6.62	7.45	0.49	10.9	11.39	30.6	215.63	0
21/03/2025 05:30	22.51	6.6	7.15	0.44	10.65	11.09	30.6	174.77	0
21/03/2025 06:00	22.67	6.6	7.45	0.44	10.65	11.09	30.5	243.71	0
21/03/2025 06:30	22.67	6.6	7.17	0.44	10.65	11.09	30.4	122.76	0
21/03/2025 07:00	22.53	6.6	7.13	0.44	10.65	11.09	30.6	136	0
21/03/2025 07:30	22.54	6.6	7.16	0.44	10.65	11.09	30.5	126.5	0
21/03/2025 08:00	22.5	6.6	8	0.44	10.65	11.09	30.5	16.26	138.43
21/03/2025 08:30	22.66	6.6	7.66	0.44	10.65	11.09	30.4	3.5	134.38
21/03/2025 09:00	22.6	6.65	7.14	0.44	10.65	11.09	30.3	0	129.47
21/03/2025 09:30	22.6	6.69	7.16	0.44	10.65	11.09	30.4	0	125.44
21/03/2025 10:00	22.58	6.74	7.74	0.44	10.65	11.09	30.4	0	118.23
21/03/2025 10:30	22.61	6.78	7.17	0.44	10.65	11.09	30.5	0	109.63
21/03/2025 11:00	22.67	6.83	7.75	0.44	10.65	11.09	30.5	0	99.84
21/03/2025 11:30	22.71	6.87	7.18	0.46	11.04	11.5	30.8	0	85.68
21/03/2025 12:00	22.7	6.92	7.17	0.46	11.04	11.5	30.9	0	75.57
21/03/2025 12:30	22.82	6.97	7.14	0.46	11.04	11.5	31.1	0	80.49
21/03/2025 13:00	22.89	7.02	7.17	0.46	11.04	11.5	31.3	0	79.15

21/03/2025 13:30	22.89	7.06	7.2	0.46	11.04	11.5	31.2	0	80.56
21/03/2025 14:00	22.87	7.1	7.63	0.46	11.04	11.5	31.2	0	88.23
21/03/2025 14:30	22.86	7.12	7.32	0.46	11.04	11.5	31.2	0	82.8
21/03/2025 15:00	22.93	7.17	7.81	0.46	11.04	11.5	31.2	0	77.91
21/03/2025 15:30	22.87	7.19	7.19	0.46	11.04	11.5	31.1	0	75.76
21/03/2025 16:00	22.92	7.18	7.17	0.46	11.04	11.5	30.9	0	0
21/03/2025 16:30	22.92	6.77	7.13	0.46	11.04	11.5	30.9	195.37	0
21/03/2025 17:00	22.93	6.83	7.2	0.46	11.04	11.5	31.2	224.97	0
21/03/2025 17:30	23.02	6.71	7.57	0.6	11.25	11.85	31.5	154.53	0
21/03/2025 18:00	23.32	6.69	7.15	0.6	11.25	11.85	31.5	196.71	0
21/03/2025 18:30	23.24	6.7	7.2	0.6	11.25	11.85	31.4	201.82	0
21/03/2025 19:00	23.24	6.63	7.58	0.6	11.25	11.85	31.3	131.51	0
21/03/2025 19:30	23.14	6.62	7.21	0.6	11.25	11.85	31.4	123.47	0
21/03/2025 20:00	23.28	6.66	7.28	0.6	11.25	11.85	31.3	86.45	140.72
21/03/2025 20:30	23.27	6.68	7.37	0.6	11.25	11.85	31.2	10.02	136.85
21/03/2025 21:00	23.11	6.71	7.57	0.6	11.25	11.85	31.1	4.72	132.37
21/03/2025 21:30	23.11	6.74	7.26	0.6	11.25	11.85	30.9	2.08	128.46
21/03/2025 22:00	23.03	6.77	7.69	0.6	11.25	11.85	31	1.76	124.61
21/03/2025 22:30	23.17	6.8	7.23	0.6	11.25	11.85	30.9	2.57	117.78
21/03/2025 23:00	23.15	6.83	7.15	0.6	11.25	11.85	30.8	1.91	109.98
21/03/2025 23:30	23.18	6.85	7.46	0.61	10.86	11.47	30.7	1.42	104.1
22/03/2025 00:00	23.15	6.89	7.26	0.61	10.86	11.47	30.5	0	99.28
22/03/2025 00:30	23.07	6.9	7.16	0.61	10.86	11.47	30.6	0	95.54
22/03/2025 01:00	23.22	6.93	8	0.61	10.86	11.47	30.5	0	77.47
22/03/2025 01:30	23.14	6.94	7.21	0.61	10.86	11.47	30.5	0	74.16
22/03/2025 02:00	23.15	6.96	7.18	0.61	10.86	11.47	30.3	0	0
22/03/2025 02:30	23.1	6.99	7.19	0.61	10.86	11.47	30.2	0	115.69
22/03/2025 03:00	23.2	6.99	7.14	0.61	10.86	11.47	30.2	0	106.21
22/03/2025 03:30	23.21	7.01	7.5	0.61	10.86	11.47	30.2	0	0
22/03/2025 04:00	23.27	7.01	7.18	0.61	10.86	11.47	30.1	0	0
22/03/2025 04:30	23.25	7.03	7.19	0.61	10.86	11.47	30	0	0
22/03/2025 05:00	23.1	6.82	7.16	0.61	10.86	11.47	30.1	109.79	0
22/03/2025 05:30	23.11	6.72	7.22	0.48	10.88	11.37	30.4	235.84	0
22/03/2025 06:00	23.24	6.8	7.88	0.48	10.88	11.37	30.7	163.58	0

22/03/2025 06:30	23.24	6.79	7.15	0.48	10.88	11.37	30.7	183.93	0
22/03/2025 07:00	23.22	6.84	7.21	0.48	10.88	11.37	30.6	229.34	0
22/03/2025 07:30	23.22	6.72	7.35	0.48	10.88	11.37	30.5	145.69	0
22/03/2025 08:00	23.43	6.69	7.21	0.48	10.88	11.37	30.6	41.7	0
22/03/2025 08:30	23.39	6.73	7.14	0.48	10.88	11.37	30.6	4.6	0
22/03/2025 09:00	23.39	6.77	7.15	0.48	10.88	11.37	30.6	0	0
22/03/2025 09:30	23.34	6.8	7.13	0.48	10.88	11.37	30.5	0	139.99
22/03/2025 10:00	23.43	6.85	8	0.48	10.88	11.37	30.6	6.26	0
22/03/2025 10:30	23.43	6.81	7.14	0.48	10.88	11.37	30.8	0.91	138.08
22/03/2025 11:00	23.47	6.84	7.17	0.48	10.88	11.37	31	0	135.77
22/03/2025 11:30	23.47	6.87	7.15	0.57	11.01	11.58	31.1	1.03	131.53
22/03/2025 12:00	23.36	6.9	7.71	0.57	11.01	11.58	31.1	0.27	129.52
22/03/2025 12:30	23.53	6.96	7.15	0.57	11.01	11.58	31.4	0	124.63
22/03/2025 13:00	23.66	7	7.18	0.57	11.01	11.58	31.6	15.47	118.49
22/03/2025 13:30	23.67	6.84	7.21	0.57	11.01	11.58	31.4	61.69	116.98
22/03/2025 14:00	23.67	6.86	7.2	0.57	11.01	11.58	31.5	1.4	0
22/03/2025 14:30	23.63	6.9	11.72	0.57	11.01	11.58	31.4	0	129.26
22/03/2025 15:00	23.63	6.94	7.47	0.57	11.01	11.58	31.5	0	123.5
22/03/2025 15:30	23.69	6.98	7.16	0.57	11.01	11.58	31.5	0	0
22/03/2025 16:00	23.7	7.02	7.72	0.57	11.01	11.58	31.5	0	0
22/03/2025 16:30	23.55	7.04	7.16	0.57	11.01	11.58	31.4	0	0
22/03/2025 17:00	23.71	7.07	1.78	0.57	11.01	11.58	31.2	0	0
22/03/2025 17:30	23.7	7.11	7.14	0.58	11.15	11.73	31.1	0	139.9
22/03/2025 18:00	23.77	6.83	7.73	0.58	11.15	11.73	31.2	234.42	131.47
22/03/2025 18:30	23.74	6.73	7.69	0.58	11.15	11.73	31.6	202.36	0
22/03/2025 19:00	23.88	6.64	7.54	0.58	11.15	11.73	31.6	157.27	0
22/03/2025 19:30	23.92	6.63	7.72	0.58	11.15	11.73	31.5	259.57	0
22/03/2025 20:00	23.87	6.6	7.18	0.58	11.15	11.73	31.4	143.41	0
22/03/2025 20:30	23.85	6.6	7.44	0.58	11.15	11.73	31.5	96.42	145.28
22/03/2025 21:00	23.85	6.6	7.18	0.58	11.15	11.73	31.5	69.24	139.46
22/03/2025 21:30	23.79	6.62	7.67	0.58	11.15	11.73	31.4	15.59	135.54
22/03/2025 22:00	23.9	6.66	19.56	0.58	11.15	11.73	31.2	0.62	127.39
22/03/2025 22:30	23.82	6.71	7.15	0.58	11.15	11.73	31.1	0	123.84
22/03/2025 23:00	23.82	6.73	7.26	0.58	11.15	11.73	31.1	0	117.91

22/03/2025 23:30	23.75	6.77	7.23	0.5	10.95	11.45	31	0	108.51
23/03/2025 00:00	23.7	6.8	7.3	0.5	10.95	11.45	30.9	0	101.95
23/03/2025 00:30	23.7	6.83	1.5	0.5	10.95	11.45	30.8	0	93.73
23/03/2025 01:00	23.75	6.86	7.23	0.5	10.95	11.45	30.6	0	70.75
23/03/2025 01:30	23.77	6.88	7.77	0.5	10.95	11.45	30.6	0	70.48
23/03/2025 02:00	23.78	6.9	7.15	0.5	10.95	11.45	30.6	0	65.12
23/03/2025 02:30	23.81	6.92	7.59	0.5	10.95	11.45	30.5	0	70.81
23/03/2025 03:00	23.92	6.94	7.41	0.5	10.95	11.45	30.3	0	72.55
23/03/2025 03:30	23.92	6.97	7.19	0.5	10.95	11.45	30.2	0	0
23/03/2025 04:00	23.94	6.75	7.16	0.5	10.95	11.45	30.6	92.82	0
23/03/2025 04:30	23.66	6.6	7.17	0.5	10.95	11.45	30.8	256.59	0
23/03/2025 05:00	23.75	6.82	7.13	0.5	10.95	11.45	30.9	188.58	0
23/03/2025 05:30	23.87	6.77	7.18	0.33	10.65	10.97	30.8	275.22	0
23/03/2025 06:00	23.88	6.76	7.74	0.33	10.65	10.97	30.7	214.18	0
23/03/2025 06:30	23.84	6.64	7.29	0.33	10.65	10.97	30.9	137.86	0
23/03/2025 07:00	23.98	6.64	8	0.33	10.65	10.97	30.9	134.34	0
23/03/2025 07:30	23.96	6.7	7.14	0.33	10.65	10.97	30.9	41.26	0
23/03/2025 08:00	23.91	6.71	7.33	0.33	10.65	10.97	30.8	19.78	0
23/03/2025 08:30	23.91	6.76	7.18	0.33	10.65	10.97	30.7	4.67	0
23/03/2025 09:00	23.88	6.79	7.41	0.33	10.65	10.97	30.8	2.33	0
23/03/2025 09:30	23.92	6.83	7.14	0.33	10.65	10.97	30.8	1.2	0
23/03/2025 10:00	24.07	6.87	7.16	0.33	10.65	10.97	30.9	0	135.34
23/03/2025 10:30	24.06	6.9	7.24	0.33	10.65	10.97	30.9	0	127.8
23/03/2025 11:00	24.06	6.94	7.21	0.33	10.65	10.97	31	0	123.95
23/03/2025 11:30	23.94	6.99	7.4	0.47	10.86	11.33	31.2	0	119.91
23/03/2025 12:00	23.96	7.04	7.19	0.47	10.86	11.33	31.4	0	111.29
23/03/2025 12:30	24.05	7.08	7.58	0.47	10.86	11.33	31.5	0	102.79
23/03/2025 13:00	24.05	7.12	17.89	0.47	10.86	11.33	31.5	0	87.76
23/03/2025 13:30	23.96	7.16	7.23	0.47	10.86	11.33	31.6	0	0
23/03/2025 14:00	24.06	7.19	7.15	0.47	10.86	11.33	31.6	0	0
23/03/2025 14:30	24.05	7.23	7.3	0.47	10.86	11.33	31.6	0	113.91
23/03/2025 15:00	24.1	7.26	17.63	0.47	10.86	11.33	31.5	0	98.59
23/03/2025 15:30	24.12	7.27	7.15	0.47	10.86	11.33	31.4	0	0
23/03/2025 16:00	24.01	7.29	7.16	0.47	10.86	11.33	31.3	0	0

23/03/2025 16:30	24.1	7.29	7.34	0.47	10.86	11.33	31.3	0	113.45
23/03/2025 17:00	24.13	7.32	7.84	0.47	10.86	11.33	31.2	0	101.55
23/03/2025 17:30	24.13	7.32	7.19	0.53	11.14	11.67	31.1	0	76.53
23/03/2025 18:00	24.13	7.32	7.78	0.53	11.14	11.67	30.9	34.15	0
23/03/2025 18:30	23.87	6.9	7.12	0.53	11.14	11.67	31.1	249.55	0
23/03/2025 19:00	23.75	6.91	7.34	0.53	11.14	11.67	31.6	205.39	112.02
23/03/2025 19:30	23.64	6.82	7.11	0.53	11.14	11.67	31.7	198.74	93.89
23/03/2025 20:00	23.64	6.85	7.16	0.53	11.14	11.67	31.7	158.86	0
23/03/2025 20:30	23.43	6.81	7.17	0.53	11.14	11.67	31.5	160.5	0
23/03/2025 21:00	23.55	6.8	7.18	0.53	11.14	11.67	31.4	138.09	0
23/03/2025 21:30	23.53	6.79	7.2	0.53	11.14	11.67	31.5	130.75	0
23/03/2025 22:00	23.66	6.81	7.15	0.53	11.14	11.67	31.5	46.12	108.93
23/03/2025 22:30	23.67	6.84	7.24	0.53	11.14	11.67	31.4	8.41	91.41
23/03/2025 23:00	23.43	6.87	7.16	0.53	11.14	11.67	31.2	3.82	0
23/03/2025 23:30	23.43	6.91	7.23	0.35	11.02	11.37	31.1	2.81	0
24/03/2025 00:00	23.56	6.93	7.89	0.35	11.02	11.37	31.1	1.55	0
24/03/2025 00:30	23.55	6.96	7.12	0.35	11.02	11.37	31	1.47	101.71
24/03/2025 01:00	23.55	6.98	7.14	0.35	11.02	11.37	31	1.64	0
24/03/2025 01:30	23.46	7	7.13	0.35	11.02	11.37	30.8	1.96	0
24/03/2025 02:00	23.56	7.04	7.53	0.35	11.02	11.37	30.6	1.11	0
24/03/2025 02:30	23.43	7.05	7.87	0.35	11.02	11.37	30.7	0.99	113.27
24/03/2025 03:00	23.43	7.07	7.72	0.35	11.02	11.37	30.6	0.08	94.01
24/03/2025 03:30	23.41	7.09	7.18	0.35	11.02	11.37	30.5	0.81	0
24/03/2025 04:00	23.38	7.1	7.37	0.35	11.02	11.37	30.4	0.08	0
24/03/2025 04:30	23.38	7.13	7.37	0.35	11.02	11.37	30.2	0	0
24/03/2025 05:00	23.52	7.13	7.23	0.35	11.02	11.37	30.3	0	111.04
24/03/2025 05:30	23.52	7.15	7.15	0.5	10.73	11.23	30.2	0	94.12
24/03/2025 06:00	23.45	7.16	7.29	0.5	10.73	11.23	30.1	0	0
24/03/2025 06:30	23.24	6.81	7.12	0.5	10.73	11.23	30.6	114.89	0
24/03/2025 07:00	23.22	6.89	7.26	0.5	10.73	11.23	30.4	187.41	0
24/03/2025 07:30	23.24	6.96	7.14	0.5	10.73	11.23	30.8	181.42	104.74
24/03/2025 08:00	23.24	6.89	7.15	0.5	10.73	11.23	30.8	141.66	93.09
24/03/2025 08:30	22.42	6.86	7.38	0.5	10.73	11.23	30.9	155.83	96.14
24/03/2025 09:00	22.61	6.91	7.15	0.5	10.73	11.23	30.8	135.11	99.44

24/03/2025 09:30	22.49	6.91	7.8	0.5	10.73	11.23	30.9	42.24	97.17
24/03/2025 10:00	22.5	6.91	7.2	0.5	10.73	11.23	31	0.37	94.7
24/03/2025 10:30	22.62	6.92	7.2	0.5	10.73	11.23	31.1	87.5	79.36
24/03/2025 11:00	22.43	6.87	7.85	0.5	10.73	11.23	31.3	21.61	70.58
24/03/2025 11:30	22.42	6.92	7.2	0.47	10.83	11.3	31.3	1.81	78.52
24/03/2025 12:00	22.62	6.96	7.14	0.47	10.83	11.3	31.5	0	88.87
24/03/2025 12:30	22.6	7	7.5	0.47	10.83	11.3	31.7	0	88.51
24/03/2025 13:00	22.57	7.06	7.64	0.47	10.83	11.3	31.8	0	91.78
24/03/2025 13:30	22.49	7.1	7.16	0.47	10.83	11.3	31.9	0	94.74
24/03/2025 14:00	22.57	7.13	7.16	0.47	10.83	11.3	31.8	0	90.53
24/03/2025 14:30	22.58	7.17	7.53	0.47	10.83	11.3	31.9	0	73.07
24/03/2025 15:00	22.55	7.2	7.36	0.47	10.83	11.3	31.8	0	70.52
24/03/2025 15:30	22.55	7.23	7.24	0.47	10.83	11.3	31.8	0	87.71
24/03/2025 16:00	22.72	7.26	7.19	0.47	10.83	11.3	31.7	0	81.05
24/03/2025 16:30	22.68	7.28	7.41	0.47	10.83	11.3	31.5	0	94.46
24/03/2025 17:00	22.68	7.3	7.51	0.47	10.83	11.3	31.3	0	100.13
24/03/2025 17:30	22.64	7.31	7.26	0.55	11.53	12.08	31.2	0	101.21
24/03/2025 18:00	22.62	7.34	7.17	0.55	11.53	12.08	31.1	0	102.33
24/03/2025 18:30	22.61	7.36	7.17	0.55	11.53	12.08	31	0	105.25
24/03/2025 19:00	22.57	7.37	7.4	0.55	11.53	12.08	30.8	0	105.8
24/03/2025 19:30	22.54	7.4	7.2	0.55	11.53	12.08	30.6	0	104.4
24/03/2025 20:00	22.43	6.99	7.64	0.55	11.53	12.08	31	203.54	0
24/03/2025 20:30	22.23	7.12	7.17	0.55	11.53	12.08	31.2	202.75	0
24/03/2025 21:00	20.05	6.88	7.58	0.55	11.53	12.08	31.3	193.47	0
24/03/2025 21:30	20.05	6.84	7.17	0.55	11.53	12.08	31.2	153.56	0
24/03/2025 22:00	20.05	6.82	7.18	0.55	11.53	12.08	31.1	145.76	0
24/03/2025 22:30	19.96	6.83	7.2	0.55	11.53	12.08	31.2	135.23	0
24/03/2025 23:00	19.94	6.83	7.2	0.55	11.53	12.08	31.2	45.44	0
24/03/2025 23:30	20	6.83	7.72	0.56	10.89	11.45	31.1	39.62	140.02
25/03/2025 00:00	19.99	6.83	7.19	0.56	10.89	11.45	31	38.16	136.49
25/03/2025 00:30	19.96	6.82	7.16	0.56	10.89	11.45	30.8	34.97	131.31
25/03/2025 01:00	20.02	6.81	7.51	0.56	10.89	11.45	30.9	4.47	128.67
25/03/2025 01:30	20.03	6.85	7.2	0.56	10.89	11.45	30.9	0	126.18
25/03/2025 02:00	20.06	6.88	7.15	0.56	10.89	11.45	30.8	0	117.81

25/03/2025 02:30	20.07	6.92	7.15	0.56	10.89	11.45	30.6	0	110.31
25/03/2025 03:00	19.96	6.95	7.67	0.56	10.89	11.45	30.4	0	102.5
25/03/2025 03:30	20.09	6.97	7.26	0.56	10.89	11.45	30.5	0	95.62
25/03/2025 04:00	20.02	7	7.7	0.56	10.89	11.45	30.4	0	87.53
25/03/2025 04:30	20.03	7.02	7.2	0.56	10.89	11.45	30.3	0	72.53
25/03/2025 05:00	20.02	7.05	7.31	0.56	10.89	11.45	30.2	0	78.32
25/03/2025 05:30	19.92	7.07	7.18	0.59	10.8	11.38	30.1	0	85.09
25/03/2025 06:00	20.09	7.08	7.81	0.59	10.8	11.38	30.1	0	77.25
25/03/2025 06:30	20.16	7.1	7.48	0.59	10.8	11.38	30.1	0	75.44
25/03/2025 07:00	20.16	7.11	7.19	0.59	10.8	11.38	30	34.1	86.58
25/03/2025 07:30	19.95	6.85	7.89	0.59	10.8	11.38	30.3	8.39	90.18
25/03/2025 08:00	20.19	6.86	7.7	0.59	10.8	11.38	30.2	4.63	0
25/03/2025 08:30	20.17	6.8	7.78	0.59	10.8	11.38	30.4	99.13	0
25/03/2025 09:00	20.02	6.77	7.18	0.59	10.8	11.38	30.3	237.89	0
25/03/2025 09:30	19.99	7.14	7.36	0.59	10.8	11.38	30.7	270.2	0
25/03/2025 10:00	21.37	7.11	7.59	0.59	10.8	11.38	30.7	210.03	0
25/03/2025 10:30	21.34	7.1	7.36	0.59	10.8	11.38	30.7	169.27	0
25/03/2025 11:00	21.36	7.03	7.12	0.59	10.8	11.38	31	138.52	0
25/03/2025 11:30	21.37	7.08	7.63	0.51	10.77	11.28	31.1	127.97	0
25/03/2025 12:00	21.36	7.12	7.16	0.51	10.77	11.28	31.2	33.51	137.22
25/03/2025 12:30	21.31	7.15	11.34	0.51	10.77	11.28	31.1	4.84	134.27
25/03/2025 13:00	21.48	7.19	7.19	0.51	10.77	11.28	31.1	0.93	129.61
25/03/2025 13:30	21.52	7.23	7.21	0.51	10.77	11.28	31.2	0.32	125.77
25/03/2025 14:00	21.52	7.26	7.65	0.51	10.77	11.28	31.2	0.13	122.77
25/03/2025 14:30	21.38	7.3	7.5	0.51	10.77	11.28	31.2	0	117.59
25/03/2025 15:00	21.58	7.32	7.15	0.51	10.77	11.28	31.1	0.15	112.48
25/03/2025 15:30	21.58	7.35	7.18	0.51	10.77	11.28	31.1	0	106.52
25/03/2025 16:00	21.46	7.37	7.18	0.51	10.77	11.28	31	0	98.05
25/03/2025 16:30	21.47	7.4	7.17	0.51	10.77	11.28	31	0	84.53
25/03/2025 17:00	21.4	7.42	7.2	0.51	10.77	11.28	30.9	0	74.36
25/03/2025 17:30	21.46	7.43	2.67	0.43	10.98	11.41	30.7	0	90.68
25/03/2025 18:00	21.46	7.45	7.5	0.43	10.98	11.41	30.6	0	91
25/03/2025 18:30	21.47	7.46	7.58	0.43	10.98	11.41	30.6	0	92.25
25/03/2025 19:00	21.48	7.47	7.21	0.43	10.98	11.41	30.5	0	0

25/03/2025 19:30	21.4	7.47	7.67	0.43	10.98	11.41	30.4	0	0
25/03/2025 20:00	21.44	7.47	7.4	0.43	10.98	11.41	30.3	0	0
25/03/2025 20:30	21.44	7.25	7.21	0.43	10.98	11.41	30.6	196.64	0
25/03/2025 21:00	21.41	7.2	7.2	0.43	10.98	11.41	30.8	225.11	0
25/03/2025 21:30	21.44	7	7.73	0.43	10.98	11.41	31	244.93	0
25/03/2025 22:00	21.34	6.95	7.14	0.43	10.98	11.41	31	250.67	0
25/03/2025 22:30	21.33	6.88	7.16	0.43	10.98	11.41	30.9	147.21	0
25/03/2025 23:00	21.48	6.89	7.19	0.43	10.98	11.41	30.7	134.69	0
25/03/2025 23:30	21.5	6.92	7.14	0.41	10.7	11.11	30.9	31.68	0
26/03/2025 00:00	21.38	6.96	7.94	0.41	10.7	11.11	30.8	6.8	0
26/03/2025 00:30	21.4	6.99	7.16	0.41	10.7	11.11	30.8	84.47	137.57
26/03/2025 01:00	21.46	6.93	2.91	0.41	10.7	11.11	30.6	22.66	132.92
26/03/2025 01:30	21.46	6.98	7.13	0.41	10.7	11.11	30.5	5.84	128.46
26/03/2025 02:00	21.47	7	7.24	0.41	10.7	11.11	30.6	2.86	124.92
26/03/2025 02:30	21.34	7.03	7.26	0.41	10.7	11.11	30.5	2.47	118.94
26/03/2025 03:00	21.36	7.05	7.14	0.41	10.7	11.11	30.5	2.81	109.55
26/03/2025 03:30	21.4	7.08	7.17	0.41	10.7	11.11	30.3	1.93	100.78
26/03/2025 04:00	21.4	7.11	7.18	0.41	10.7	11.11	30.2	0.39	85.94
26/03/2025 04:30	21.33	7.12	7.18	0.41	10.7	11.11	30.2	0.25	0
26/03/2025 05:00	21.5	7.14	7.8	0.41	10.7	11.11	30.2	0.81	0
26/03/2025 05:30	21.51	7.16	7.15	0.57	10.69	11.26	30.1	1.06	111.25
26/03/2025 06:00	21.4	7.17	7.13	0.57	10.69	11.26	29.9	0.18	102.85
26/03/2025 06:30	21.37	7.2	7.17	0.57	10.69	11.26	29.8	0	95.15
26/03/2025 07:00	21.37	7.2	7.48	0.57	10.69	11.26	29.9	0	82.25
26/03/2025 07:30	21.4	7.22	7.41	0.57	10.69	11.26	29.8	0	83.95
26/03/2025 08:00	21.33	7.24	7.54	0.57	10.69	11.26	29.8	0	0
26/03/2025 08:30	21.34	7.26	7.16	0.57	10.69	11.26	29.7	0	0
26/03/2025 09:00	21.34	6.95	7.15	0.57	10.69	11.26	30.1	187.94	0
26/03/2025 09:30	21.25	7.08	7.14	0.57	10.69	11.26	30.4	204.34	0
26/03/2025 10:00	21.44	6.9	7.35	0.57	10.69	11.26	30.8	146.1	0
26/03/2025 10:30	21.69	6.87	7.66	0.57	10.69	11.26	30.9	229.51	0
26/03/2025 11:00	21.68	6.8	1.71	0.57	10.69	11.26	30.9	129.56	131.91
26/03/2025 11:30	21.58	6.77	7.16	0.42	11.05	11.47	31.2	11.18	128
26/03/2025 12:00	21.73	6.81	7.14	0.42	11.05	11.47	31.2	0	124.94

26/03/2025 12:30	21.72	6.86	7.74	0.42	11.05	11.47	31.3	0	120.81
26/03/2025 13:00	21.83	6.9	7.19	0.42	11.05	11.47	31.3	0	118.23
26/03/2025 13:30	21.83	6.95	7.68	0.42	11.05	11.47	31.2	0	122.69
26/03/2025 14:00	21.65	6.99	7.47	0.42	11.05	11.47	31.2	0	116.29
26/03/2025 14:30	21.78	7.03	7.19	0.42	11.05	11.47	31.2	0	114.94
26/03/2025 15:00	21.76	6.98	7.73	0.42	11.05	11.47	31.1	29.79	110.81
26/03/2025 15:30	21.76	6.91	7.69	0.42	11.05	11.47	31.3	5.19	109.94
26/03/2025 16:00	21.76	6.94	7.16	0.42	11.05	11.47	31.1	0.67	108.41
26/03/2025 16:30	21.58	6.98	7.42	0.42	11.05	11.47	31	0	103.79
26/03/2025 17:00	21.73	7.02	7.19	0.42	11.05	11.47	31	0	98.64
26/03/2025 17:30	21.63	7.06	7.12	0.65	11.04	11.68	30.9	0	94.36
26/03/2025 18:00	21.63	7.09	7.24	0.65	11.04	11.68	30.9	0	0
26/03/2025 18:30	21.52	7.12	7.16	0.65	11.04	11.68	30.7	0	0
26/03/2025 19:00	21.61	7.15	7.2	0.65	11.04	11.68	30.6	0	0
26/03/2025 19:30	21.59	7.03	7.2	0.65	11.04	11.68	30.7	29.21	0
26/03/2025 20:00	21.54	6.9	7.68	0.65	11.04	11.68	30.9	227.53	0
26/03/2025 20:30	21.54	7.02	7.14	0.65	11.04	11.68	30.9	228.12	0
26/03/2025 21:00	21.93	6.89	2.27	0.65	11.04	11.68	31	122.64	0
26/03/2025 21:30	22.17	6.86	7.88	0.65	11.04	11.68	30.9	279.37	0
26/03/2025 22:00	22.15	6.82	16.54	0.65	11.04	11.68	31	142.71	0
26/03/2025 22:30	22.15	6.79	2.71	0.65	11.04	11.68	31	111.25	0
26/03/2025 23:00	22.17	6.78	3.56	0.65	11.04	11.68	30.9	79.48	0
26/03/2025 23:30	22.04	6.83	1.5	0.4	10.88	11.28	30.8	26.57	0
27/03/2025 00:00	22.07	6.87	7.09	0.4	10.88	11.28	30.6	2.98	140.14
27/03/2025 00:30	21.95	6.9	3.32	0.4	10.88	11.28	30.7	2.42	134.96
27/03/2025 01:00	21.95	6.93	14.27	0.4	10.88	11.28	30.6	1.44	128.42
27/03/2025 01:30	21.95	6.95	2.32	0.4	10.88	11.28	30.6	2.35	125.39
27/03/2025 02:00	21.97	6.97	1.75	0.4	10.88	11.28	30.4	2.16	119.82
27/03/2025 02:30	21.97	7	7.62	0.4	10.88	11.28	30.3	0	112.98
27/03/2025 03:00	21.98	7.02	7.2	0.4	10.88	11.28	30.3	0	107.67
27/03/2025 03:30	21.97	7.04	7.42	0.4	10.88	11.28	30.3	0	99.24
27/03/2025 04:00	21.9	7.06	7.87	0.4	10.88	11.28	30.2	0	83.51
27/03/2025 04:30	22	7.08	16.45	0.4	10.88	11.28	30	0	70.6
27/03/2025 05:00	21.97	7.1	7.14	0.4	10.88	11.28	29.9	0	79.04

27/03/2025 05:30	21.97	7.11	7.18	0.54	10.84	11.38	30	0	87.05
27/03/2025 06:00	21.98	7.12	7.42	0.54	10.84	11.38	29.9	0	87.05
27/03/2025 06:30	21.82	7.13	1.71	0.54	10.84	11.38	29.9	0	90.89
27/03/2025 07:00	22.01	7.14	1.5	0.54	10.84	11.38	29.8	0	0
27/03/2025 07:30	21.97	7.18	7.35	0.54	10.84	11.38	29.6	0	0
27/03/2025 08:00	21.97	7.04	7.9	0.54	10.84	11.38	30	78.73	0
27/03/2025 08:30	21.76	6.86	7.38	0.54	10.84	11.38	30.2	250.72	0
27/03/2025 09:00	22.39	7.11	2.92	0.54	10.84	11.38	30.6	203.05	0
27/03/2025 09:30	22.39	7.05	1.75	0.54	10.84	11.38	30.6	109.88	0
27/03/2025 10:00	22.62	7.06	7.19	0.54	10.84	11.38	30.7	268.52	0
27/03/2025 10:30	22.6	7.01	12.03	0.54	10.84	11.38	30.9	139.43	0
27/03/2025 11:00	22.35	6.99	7.85	0.54	10.84	11.38	31	10.86	138.47
27/03/2025 11:30	22.49	7.03	19.67	0.43	10.85	11.28	31.2	1.03	130.86
27/03/2025 12:00	22.49	7.07	7.4	0.43	10.85	11.28	31.2	1.4	128.64
27/03/2025 12:30	22.47	7.12	7.12	0.43	10.85	11.28	31.4	0.13	124.24
27/03/2025 13:00	22.49	7.17	7.41	0.43	10.85	11.28	31.5	0	122.48
27/03/2025 13:30	22.51	7.22	7.65	0.43	10.85	11.28	31.5	0	118.38
27/03/2025 14:00	22.44	7.26	7.17	0.43	10.85	11.28	31.5	0.91	112.48
27/03/2025 14:30	22.58	7.29	7.2	0.43	10.85	11.28	31.3	0	106.66
27/03/2025 15:00	22.58	7.32	7.76	0.43	10.85	11.28	31.4	0	99.37
27/03/2025 15:30	22.53	7.34	7.2	0.43	10.85	11.28	31.3	0	93.31
27/03/2025 16:00	22.55	7.36	8	0.43	10.85	11.28	31.2	0	79.57
27/03/2025 16:30	22.57	7.38	7.19	0.43	10.85	11.28	31.1	0	100.59
27/03/2025 17:00	22.61	7.4	7.77	0.43	10.85	11.28	30.9	0	105.03
27/03/2025 17:30	22.61	7.42	7.14	0.59	10.98	11.57	30.8	7.43	110.6
27/03/2025 18:00	22.46	7.19	7.19	0.59	10.98	11.57	31.1	34.08	113.12
27/03/2025 18:30	22.58	7.13	7.19	0.59	10.98	11.57	31	7.07	0
27/03/2025 19:00	22.5	7.14	7.13	0.59	10.98	11.57	31	4.01	0
27/03/2025 19:30	22.5	7.06	7.26	0.59	10.98	11.57	30.9	189.21	0
27/03/2025 20:00	22.5	7.12	7.21	0.59	10.98	11.57	30.8	242.15	0
27/03/2025 20:30	22.33	7.02	7.15	0.59	10.98	11.57	31.1	153.43	0
27/03/2025 21:00	22.58	6.97	7.38	0.59	10.98	11.57	31.2	269.52	0
27/03/2025 21:30	22.6	6.88	7.16	0.59	10.98	11.57	31.1	133.17	0
27/03/2025 22:00	22.58	6.84	7.22	0.59	10.98	11.57	31	36.49	0

27/03/2025 22:30	22.5	6.88	7.1	0.59	10.98	11.57	30.9	12.49	145.14
27/03/2025 23:00	22.58	6.91	7.17	0.59	10.98	11.57	31	3.14	140.52
27/03/2025 23:30	22.6	6.95	7.93	0.5	10.72	11.21	30.9	0	135.87
28/03/2025 00:00	22.55	6.98	7.64	0.5	10.72	11.21	30.8	0	131.37
28/03/2025 00:30	22.55	7.02	7.65	0.5	10.72	11.21	30.6	0	125.96
28/03/2025 01:00	22.38	7.05	8	0.5	10.72	11.21	30.5	0	121.02
28/03/2025 01:30	22.54	7.07	7.41	0.5	10.72	11.21	30.5	0	117.21
28/03/2025 02:00	22.51	7.1	7.14	0.5	10.72	11.21	30.5	8.73	113.32
28/03/2025 02:30	22.53	7.05	7.1	0.5	10.72	11.21	30.5	0.52	110.06
28/03/2025 03:00	22.53	7.07	7.2	0.5	10.72	11.21	30.3	0	108.25
28/03/2025 03:30	22.5	6.99	7.25	0.5	10.72	11.21	30.4	30.6	103.74
28/03/2025 04:00	22.55	6.9	7.4	0.5	10.72	11.21	30.6	6.14	101
28/03/2025 04:30	22.53	6.93	7.2	0.5	10.72	11.21	30.5	4.53	92.35
28/03/2025 05:00	22.54	6.95	7.78	0.5	10.72	11.21	30.5	4.07	79.36
28/03/2025 05:30	22.38	6.98	7.17	0.51	10.8	11.31	30.3	2.6	78.68
28/03/2025 06:00	22.66	7.02	7.18	0.51	10.8	11.31	30.2	2.25	73.78
28/03/2025 06:30	22.64	7.04	7.54	0.51	10.8	11.31	30.3	2.45	0
28/03/2025 07:00	22.51	7.07	8	0.51	10.8	11.31	30.2	0.62	0
28/03/2025 07:30	22.51	7.09	7.18	0.51	10.8	11.31	30.2	39.45	0
28/03/2025 08:00	22.29	6.89	7.23	0.51	10.8	11.31	30.3	24.47	0
28/03/2025 08:30	22.38	6.89	7.89	0.51	10.8	11.31	30.3	78.36	0
28/03/2025 09:00	22.53	6.95	7.83	0.51	10.8	11.31	30.5	162.72	0
28/03/2025 09:30	22.51	7.1	7.64	0.51	10.8	11.31	30.8	139.36	0
28/03/2025 10:00	22.53	7	7.9	0.51	10.8	11.31	30.9	132.69	0
28/03/2025 10:30	22.76	7.02	22.09	0.51	10.8	11.31	30.9	229.92	0
28/03/2025 11:00	22.82	6.9	7.73	0.51	10.8	11.31	31.1	78.65	0
28/03/2025 11:30	22.83	6.87	7.2	0.43	11	11.43	31.3	2.28	143.57
28/03/2025 12:00	22.82	6.92	7.63	0.43	11	11.43	31.5	0	137.02
28/03/2025 12:30	22.89	6.97	7.21	0.43	11	11.43	31.7	0.08	125.91
28/03/2025 13:00	22.98	7.02	7.57	0.43	11	11.43	31.7	0	118.62
28/03/2025 13:30	22.95	7.06	7.19	0.43	11	11.43	31.7	0	119.47
28/03/2025 14:00	22.96	7.09	7.21	0.43	11	11.43	31.7	0	121.15
28/03/2025 14:30	22.95	7.15	7.23	0.43	11	11.43	31.7	0	120.67
28/03/2025 15:00	23	7.18	7.77	0.43	11	11.43	31.6	0	117.16

28/03/2025 15:30	22.95	7.21	7.18	0.43	11	11.43	31.5	0	114
28/03/2025 16:00	22.95	7.23	7.12	0.43	11	11.43	31.4	0	111.28
28/03/2025 16:30	22.95	7.08	7.48	0.43	11	11.43	31.5	38.28	106.74
28/03/2025 17:00	22.96	6.97	7.16	0.43	11	11.43	31.6	41.48	104.09
28/03/2025 17:30	22.76	6.97	7.19	0.5	11.2	11.7	31.5	42.38	100.33
28/03/2025 18:00	22.96	6.97	7.25	0.5	11.2	11.7	31.3	25.32	97.08
28/03/2025 18:30	22.71	6.97	7.69	0.5	11.2	11.7	31.2	1.01	0
28/03/2025 19:00	22.71	7.01	7.49	0.5	11.2	11.7	31.2	0	0
28/03/2025 19:30	22.66	7.05	7.83	0.5	11.2	11.7	31.1	0	0
28/03/2025 20:00	22.62	7.07	7.38	0.5	11.2	11.7	31.1	0	0
28/03/2025 20:30	22.62	7.09	7.37	0.5	11.2	11.7	30.9	0.91	0
28/03/2025 21:00	22.72	6.93	7.24	0.5	11.2	11.7	30.9	111.01	0
28/03/2025 21:30	22.7	6.85	7.76	0.5	11.2	11.7	31	228.12	0
28/03/2025 22:00	22.67	7.02	7.14	0.5	11.2	11.7	31.3	224.92	0
28/03/2025 22:30	22.86	6.95	7.13	0.5	11.2	11.7	31.2	202.66	0
28/03/2025 23:00	22.79	6.9	7.17	0.5	11.2	11.7	31.1	157.71	0
28/03/2025 23:30	22.76	6.88	7.67	0.64	10.68	11.33	31.1	113.89	0
29/03/2025 00:00	22.78	6.87	7.12	0.64	10.68	11.33	31.2	23.15	137.52
29/03/2025 00:30	22.83	6.9	7.88	0.64	10.68	11.33	31.1	3.89	132.78
29/03/2025 01:00	22.96	6.94	8	0.64	10.68	11.33	31	2.18	129.3
29/03/2025 01:30	22.92	6.97	7.41	0.64	10.68	11.33	30.9	16.85	126.06
29/03/2025 02:00	22.92	6.92	7.62	0.64	10.68	11.33	30.9	44.53	120.9
29/03/2025 02:30	22.79	6.89	7.22	0.64	10.68	11.33	31	42.21	113.63
29/03/2025 03:00	22.75	6.9	7.15	0.64	10.68	11.33	30.9	43.02	103.62
29/03/2025 03:30	22.74	6.9	7.18	0.64	10.68	11.33	30.9	42.55	96.76
29/03/2025 04:00	22.87	6.91	7.11	0.64	10.68	11.33	30.8	17.97	74.75
29/03/2025 04:30	22.87	6.94	7.55	0.64	10.68	11.33	30.7	5.87	0
29/03/2025 05:00	22.72	6.96	7.33	0.64	10.68	11.33	30.7	3.38	0
29/03/2025 05:30	22.83	6.99	7.18	0.56	10.94	11.5	30.7	3.42	112.84
29/03/2025 06:00	22.72	7.02	7.16	0.56	10.94	11.5	30.6	3.45	101.76
29/03/2025 06:30	22.71	7.04	7.36	0.56	10.94	11.5	30.5	3.82	0
29/03/2025 07:00	22.72	7.07	7.2	0.56	10.94	11.5	30.4	1.76	0
29/03/2025 07:30	22.68	7.09	7.2	0.56	10.94	11.5	30.4	2.08	0
29/03/2025 08:00	22.57	7.09	7.56	0.56	10.94	11.5	30.5	104.19	0

29/03/2025 08:30	22.82	6.92	7.18	0.56	10.94	11.5	30.7	269.52	0
29/03/2025 09:00	22.81	6.93	7.73	0.56	10.94	11.5	30.9	180.86	0
29/03/2025 09:30	22.14	6.91	7.2	0.56	10.94	11.5	31	168.36	0
29/03/2025 10:00	22.1	6.91	7.55	0.56	10.94	11.5	31.1	178.8	0
29/03/2025 10:30	22.1	6.86	7.41	0.56	10.94	11.5	31.3	132.05	0
29/03/2025 11:00	22.11	6.85	7.61	0.56	10.94	11.5	31.3	120.79	0
29/03/2025 11:30	22.12	6.88	7.29	0.52	10.83	11.35	31.4	7.99	0
29/03/2025 12:00	22.21	6.93	7.9	0.52	10.83	11.35	31.6	0	143.7
29/03/2025 12:30	22.23	6.98	7.75	0.52	10.83	11.35	31.8	0	137.36
29/03/2025 13:00	22.38	7.01	7.18	0.52	10.83	11.35	31.8	11	132
29/03/2025 13:30	22.38	7.04	7.18	0.52	10.83	11.35	31.8	0	128.29
29/03/2025 14:00	22.38	7.08	7.59	0.52	10.83	11.35	31.6	0	121.43
29/03/2025 14:30	22.35	7.13	7.15	0.52	10.83	11.35	31.7	0	114.03
29/03/2025 15:00	22.47	7.17	7.17	0.52	10.83	11.35	31.7	0	106.79
29/03/2025 15:30	22.43	7.21	7.18	0.52	10.83	11.35	31.7	0	97.07
29/03/2025 16:00	22.43	7.24	7.14	0.52	10.83	11.35	31.6	0	82.91
29/03/2025 16:30	22.42	7.26	7.35	0.52	10.83	11.35	31.4	0	76.23
29/03/2025 17:00	22.46	7.3	7.57	0.52	10.83	11.35	31.3	0	0
29/03/2025 17:30	22.46	7.33	7.2	0.62	11.3	11.92	31.3	0	116.35
29/03/2025 18:00	22.36	7.36	7.14	0.62	11.3	11.92	31.2	0	107.35
29/03/2025 18:30	22.38	7.38	7.16	0.62	11.3	11.92	31.1	0	98.79
29/03/2025 19:00	22.21	7.4	7.5	0.62	11.3	11.92	31	0	0
29/03/2025 19:30	22.18	7.42	7.15	0.62	11.3	11.92	30.9	0	0
29/03/2025 20:00	22.3	7.13	7.13	0.62	11.3	11.92	31.2	104.26	0
29/03/2025 20:30	22.3	7	7.21	0.62	11.3	11.92	31.5	280.88	0
29/03/2025 21:00	22.32	7	16.59	0.62	11.3	11.92	31.6	243.81	0
29/03/2025 21:30	21.82	6.94	7.17	0.62	11.3	11.92	31.5	265.71	0
29/03/2025 22:00	21.98	6.91	7.16	0.62	11.3	11.92	31.4	117.07	0
29/03/2025 22:30	21.87	6.92	7.15	0.62	11.3	11.92	31.6	134.2	0
29/03/2025 23:00	21.89	6.98	7.2	0.62	11.3	11.92	31.6	123.5	0
29/03/2025 23:30	21.87	7.03	7.13	0.6	10.87	11.47	31.5	25.83	0
30/03/2025 00:00	21.86	7.05	3.88	0.6	10.87	11.47	31.3	13.64	0
30/03/2025 00:30	21.87	7.08	7.67	0.6	10.87	11.47	31.2	5.21	139.29
30/03/2025 01:00	21.84	7.1	7.93	0.6	10.87	11.47	31.3	3.84	132.15

30/03/2025 01:30	21.84	7.12	7.54	0.6	10.87	11.47	31.2	2.62	129.06
30/03/2025 02:00	21.84	7.14	7.13	0.6	10.87	11.47	31.2	3.16	122.33
30/03/2025 02:30	21.95	7.16	7.68	0.6	10.87	11.47	31	4.04	115.33
30/03/2025 03:00	21.95	7.19	7.79	0.6	10.87	11.47	30.9	1.79	107.35
30/03/2025 03:30	21.95	7.2	7.65	0.6	10.87	11.47	30.9	1.69	98.46
30/03/2025 04:00	21.95	7.22	7.5	0.6	10.87	11.47	30.9	1.13	75.34
30/03/2025 04:30	21.84	7.23	7.34	0.6	10.87	11.47	30.8	2.91	0
30/03/2025 05:00	21.83	7.25	7.4	0.6	10.87	11.47	30.6	1.81	118.06
30/03/2025 05:30	21.9	7.27	7.18	0.48	10.88	11.36	30.5	0.76	106.54
30/03/2025 06:00	21.9	7.28	7.85	0.48	10.88	11.36	30.6	0	93.84
30/03/2025 06:30	21.79	7.3	7.26	0.48	10.88	11.36	30.5	0.08	67.95
30/03/2025 07:00	21.93	7.3	7.65	0.48	10.88	11.36	30.5	0	65.88
30/03/2025 07:30	21.91	7.31	7.68	0.48	10.88	11.36	30.4	0	0
30/03/2025 08:00	21.93	7.33	7.27	0.48	10.88	11.36	30.3	0	121.28
30/03/2025 08:30	21.94	7.34	7.74	0.48	10.88	11.36	30.4	0	107.34
30/03/2025 09:00	21.95	6.98	7.97	0.48	10.88	11.36	30.9	108.44	0
30/03/2025 09:30	21.79	7.08	7.3	0.48	10.88	11.36	31	210.13	0
30/03/2025 10:00	21.26	7.13	7.98	0.48	10.88	11.36	31.3	163.23	0
30/03/2025 10:30	21.26	6.95	7.76	0.48	10.88	11.36	31.6	257.1	0
30/03/2025 11:00	21.26	6.87	7.52	0.48	10.88	11.36	31.8	204.61	0
30/03/2025 11:30	21.26	6.8	7.15	0.35	10.89	11.24	32	88.25	0
30/03/2025 12:00	21.31	6.79	7.64	0.35	10.89	11.24	32.1	91.55	0
30/03/2025 12:30	21.18	6.83	7.24	0.35	10.89	11.24	32	4.6	144.53
30/03/2025 13:00	21.16	6.88	7.31	0.35	10.89	11.24	32.4	0	137.82
30/03/2025 13:30	21.31	6.93	8	0.35	10.89	11.24	32.4	0	132.71
30/03/2025 14:00	21.34	6.99	7.21	0.35	10.89	11.24	32.4	0	129.31
30/03/2025 14:30	21.36	7.03	7.14	0.35	10.89	11.24	32.3	0	127.09
30/03/2025 15:00	21.38	7.06	7.2	0.35	10.89	11.24	32.1	0	122.35
30/03/2025 15:30	21.38	7.11	7.43	0.35	10.89	11.24	32	0	116.83
30/03/2025 16:00	21.31	7.14	7.21	0.35	10.89	11.24	32	0	108.21
30/03/2025 16:30	21.43	7.02	7.19	0.35	10.89	11.24	31.7	1.52	99.9
30/03/2025 17:00	21.3	7.07	7.99	0.35	10.89	11.24	31.6	0.37	82.5
30/03/2025 17:30	21.27	7.1	7.3	0.3	11.12	11.42	31.4	0	65.1
30/03/2025 18:00	21.27	7.14	7.18	0.3	11.12	11.42	31.4	0	80.99

30/03/2025 18:30	21.19	7.17	7.32	0.3	11.12	11.42	31.4	0	79.78
30/03/2025 19:00	21.2	7.2	7.5	0.3	11.12	11.42	31.4	0	85.02
30/03/2025 19:30	21.25	7.21	7.17	0.3	11.12	11.42	31.3	0	0
30/03/2025 20:00	21.25	7.23	7.14	0.3	11.12	11.42	31.2	0	0
30/03/2025 20:30	21.26	7.26	7.16	0.3	11.12	11.42	31.1	0	0
30/03/2025 21:00	21.16	6.96	7.52	0.3	11.12	11.42	31.7	161.69	0
30/03/2025 21:30	21.18	7.21	7.63	0.3	11.12	11.42	31.7	227.26	0
30/03/2025 22:00	19.6	7.11	7.18	0.3	11.12	11.42	31.7	144.09	0
30/03/2025 22:30	19.6	7.04	3.41	0.3	11.12	11.42	31.6	245.03	0
30/03/2025 23:00	19.24	7.05	7.2	0.3	11.12	11.42	31.5	152.41	0
30/03/2025 23:30	19.32	6.96	15.6	0.54	11.23	11.77	31.6	111.57	0
31/03/2025 00:00	19.31	6.95	7.21	0.54	11.23	11.77	31.6	84	138.73
31/03/2025 00:30	19.31	6.98	7.17	0.54	11.23	11.77	31.6	12.4	131.62
31/03/2025 01:00	19.31	7.01	5.92	0.54	11.23	11.77	31.4	6.21	125.5
31/03/2025 01:30	19.31	7.05	7.75	0.54	11.23	11.77	31.3	3.47	115.94
31/03/2025 02:00	19.35	7.07	2.88	0.54	11.23	11.77	31.3	3.04	104.06
31/03/2025 02:30	19.32	7.09	13.67	0.54	11.23	11.77	31.3	2.13	70.81
31/03/2025 03:00	19.31	7.11	2.03	0.54	11.23	11.77	31.2	2.84	0
31/03/2025 03:30	19.24	7.13	2.07	0.54	11.23	11.77	31.1	2.42	0
31/03/2025 04:00	19.34	7.16	29.37	0.54	11.23	11.77	30.9	0	113.33
31/03/2025 04:30	19.31	7.18	29.75	0.54	11.23	11.77	31	0	97.17
31/03/2025 05:00	19.34	7.16	7.5	0.54	11.23	11.77	31	15.11	0
31/03/2025 05:30	19.32	7.12	7.24	0.47	10.73	11.21	31.1	3.21	0
31/03/2025 06:00	19.18	7.14	7.72	0.47	10.73	11.21	30.9	0.27	114.18
31/03/2025 06:30	19.25	7.17	7.46	0.47	10.73	11.21	30.8	0	102.23
31/03/2025 07:00	19.19	7.19	7.59	0.47	10.73	11.21	30.9	0	78.85
31/03/2025 07:30	19.19	7.22	7.19	0.47	10.73	11.21	30.8	0	0
31/03/2025 08:00	19.19	7.23	7.47	0.47	10.73	11.21	30.8	0	0
31/03/2025 08:30	19.27	7.06	7.23	0.47	10.73	11.21	30.9	220.84	107.74
31/03/2025 09:00	19.17	7.16	7.74	0.47	10.73	11.21	30.9	206.54	98.4
31/03/2025 09:30	19.31	7.18	20.78	0.47	10.73	11.21	31.4	175.7	0
31/03/2025 10:00	19.31	7.07	7.18	0.47	10.73	11.21	31.5	236.23	0
31/03/2025 10:30	19.3	7.06	7.14	0.47	10.73	11.21	31.5	87.47	0
31/03/2025 11:00	19.38	7.08	7.49	0.47	10.73	11.21	31.5	4.23	130.4

31/03/2025 11:30	19.35	7.13	7.84	0.49	10.95	11.44	31.5	0	126.66
31/03/2025 12:00	19.39	7.18	7.8	0.49	10.95	11.44	31.5	0	125.45
31/03/2025 12:30	19.4	7.24	8	0.49	10.95	11.44	31.6	0	121.8
31/03/2025 13:00	19.31	7.27	7.12	0.49	10.95	11.44	31.5	0	120.13
31/03/2025 13:30	19.36	7.3	7.15	0.49	10.95	11.44	31.3	0	117.6
31/03/2025 14:00	19.34	7.35	7.2	0.49	10.95	11.44	31.1	0	117.04
31/03/2025 14:30	19.35	7.38	7.27	0.49	10.95	11.44	31.3	0	123.36
31/03/2025 15:00	19.35	7.24	7.18	0.49	10.95	11.44	31.2	4.01	124.74
31/03/2025 15:30	19.28	7.27	7.2	0.49	10.95	11.44	31.2	0	126.7
31/03/2025 16:00	19.43	7.3	8	0.49	10.95	11.44	31	0	127.67
31/03/2025 16:30	19.35	7.34	7.19	0.49	10.95	11.44	30.9	0	0
31/03/2025 17:00	19.34	7.37	7.63	0.49	10.95	11.44	31	0	0
31/03/2025 17:30	19.11	7.39	7.15	0.49	10.88	11.37	31	0	0
31/03/2025 18:00	19.18	7.4	7.99	0.49	10.88	11.37	30.9	0	146.69
31/03/2025 18:30	19.18	7.42	7.17	0.49	10.88	11.37	30.8	0	141.96
31/03/2025 19:00	19.34	7.16	7.72	0.49	10.88	11.37	31.1	279.83	0
31/03/2025 19:30	19.34	7.04	7.21	0.49	10.88	11.37	31.4	208.32	0
31/03/2025 20:00	18.57	6.99	7.18	0.49	10.88	11.37	31.4	262.92	0
31/03/2025 20:30	18.68	6.95	7.8	0.49	10.88	11.37	31.4	163.95	0
31/03/2025 21:00	18.65	6.93	21.2	0.49	10.88	11.37	31.3	109.42	0
31/03/2025 21:30	18.65	6.93	7.17	0.49	10.88	11.37	31.2	13.15	0
31/03/2025 22:00	18.64	6.96	7.16	0.49	10.88	11.37	31.3	1.15	145.65
31/03/2025 22:30	18.51	7.01	7.21	0.49	10.88	11.37	31.2	0	140.74
31/03/2025 23:00	18.58	7.04	7.2	0.49	10.88	11.37	31.1	0	137.49
31/03/2025 23:30	18.68	7.07	7.64	0.48	10.73	11.22	31	0	136.19

Ký hiệu

Đang đo: Màu đen

Hiệu chuẩn: Màu xanh

Lỗi thiết bị: Màu đỏ